

APPENDIX T

PHASE I ENVIRONMENTAL SITE ASSESSMENT

**PHASE I ENVIRONMENTAL SITE
ASSESSMENT**

EL SEGUNDO GENERATING STATION

**301 VISTA DEL MAR BOULEVARD
EL SEGUNDO, CALIFORNIA**

Submitted to:

NRG ENERGY

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FIGURES

Figure 1 Site Location
Figure 2 Site Plan

ATTACHMENTS

Attachment A Site Photographs and Historic Topographics Maps
Attachment B Environmental Database Report

This report presents the results of a Phase I Environmental Site Assessment (Phase I ESA) conducted by URS Corporation (URS) of the El Segundo Generating Station (ESGS) facility, located at 301 Vista Del Mar Boulevard in El Segundo, California. The majority of the ESGS facility is occupied by electrical generating and utility service equipment. The Phase I ESA was conducted to evaluate the potential for material environmental impairment at the subject property associated with past and current subject property operations and nearby land use, and to identify Recognized Environmental Conditions (RECs) affecting the subject property. The Phase I ESA was conducted in accordance with the methods and procedures described in the American Society for Testing and Materials (ASTM) "Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process" (E 1527-00). Furthermore, the Phase I ESA was conducted in conjunction with the Application for Certification for the El Segundo Power Redevelopment Project authorized by NRG Development Company, Inc. Asbestos, lead-based paint, radon gas, and lead-in-drinking water surveys were not conducted as part of this Phase I ESA.

FINDINGS

The following RECs were identified during this Phase I ESA. No other REC or areas of potential concern were identified during this Phase I ESA.

- **Groundwater**

Chevron USA, Inc. Refinery installed a system of wells and piping at the ESGS for extracting hydrocarbon product, hydrocarbon-impacted groundwater, and hydrocarbon vapors in soil from beneath the ESGS. The extraction system at the ESGS was part of a larger system designed to recover hydrocarbons that have migrated from the Chevron Refinery to areas surrounding the refinery, including the ESGS. The extraction system was installed in response to a California Regional Water Quality Control Board, Los Angeles Region (LARWQCB) Cleanup and Abatement Order. The system at the ESGS consisted of ten recovery wells distributed over the northern two-thirds of the ESGS property. Although Chevron discontinued operation of the extraction system in 1996, the components of this system are still in place at the ESGS facility. When the extraction system was in operation, impacted groundwater was pumped back to the Chevron El Segundo Refinery for treatment. Impacted groundwater beneath ESGS is considered a REC.

- **Aboveground Storage Tank (AST) Farm**

Investigation reports prepared for Southern California Edison (SCE) for the south fuel oil AST indicate that an estimated 1,000 cubic yards of soil have been impacted with petroleum hydrocarbons (TPH). According to SCE, the more significantly impacted soils are limited to 18 inches below ground surface. SCE submitted the results of the investigation to the LARWQCB,

where they received approval to leave the contaminated soil in place until the South AST and the North AST are decommissioned or removed. Following the investigation, SCE installed a double-bottom and leak detection system on the South AST. Soil impacted by petroleum hydrocarbons beneath the south AST, and possibly beneath the north AST, is considered a REC.

Elevated TPH concentrations were reported in soil in the area beneath the displacement oil AST. The displacement oil AST is located within the AST area, between and east of the north and south ASTs. TPH-impacted soil was detected beneath the AST, to the north-northeast, and to the south-southwest sides of the AST. Impacted soil was reported to extend to a depth of up to approximately 20 feet below ground surface. This soil contamination near the displacement oil tank is considered a REC.

- **Hazardous Materials and Wastes Storage Areas**

Hazardous materials and waste storage areas were observed in Units 1 through 4. The designated Hazardous Waste Storage Area located adjacent to the north of the gas metering area was also observed. Although housekeeping was generally good, minor staining on the concrete surfaces was observed around the storage areas within the Units. Staining was not observed within the Hazardous Waste Storage Area, based upon observations made from the perimeter fence. Because hazardous materials and hazardous wastes have been stored historically in these areas, these areas are considered to have the potential for environmental concerns.

- **Transformers**

Transformers at the powerblock area currently contain oil reported to have less than 50 parts per million (ppm) polychlorinated biphenyls (PCBs). The transformers were reported to have contained oil with higher concentrations of PCBs before 1976. No records or reports of spills of oil from transformers were discovered. However, oil-stained bedding material that surrounds the transformers was observed during the site reconnaissance and was noted during previous site assessments at ESGS. Because of the possibility for past releases of PCBs, the areas around the transformers are considered RECs.

- **Powerblocks**

Minor oil staining was observed on the concrete floors of the powerblocks around oil-containing equipment such as pumps and tanks, and around oil drum storage areas. Because the oil could have seeped through cracks, joints or pores in the concrete, impacted soils may be present beneath the powerblock area. Oil staining in the powerblock areas is identified as an area of potential concern. Sampling beneath the powerblocks was not conducted as part of this scope of work to confirm the presence or absence of petroleum-impacted soil.

- **Fueling Areas and Pipelines**

Underground and aboveground pipelines have been used to convey fuel oil from the tanks to primary and secondary fueling areas for the powerblocks. These pipelines have not been leak-tested. Past sampling efforts in these areas have not revealed significantly impacted soil. However, such sampling was limited in scope and access beneath piping was limited. Therefore, soil around the pipelines at the ESGS is identified as an area of potential concern. Sampling beneath the fueling areas and pipelines was not conducted to confirm the presence or absence of petroleum-impacted soil.

- **Oil/Water Separators**

The oil/water separators were observed to be below grade concrete structures with no visible lining or secondary containment. There was also no visible or reported leak detection system for the oil/water separators. Impacted soils have been identified in soil borings advanced beside the oil/water separator located west of Unit 1 during previous investigations. Because of the potential for these facilities to have leaked, oil/water separators are identified as areas of potential concern.

- **Retention Basins**

SCE has been conducting subsurface investigations of surface impoundments at ESGS, including retention basins, in response to a corporate-wide negotiated Consent Order from the Department of Toxic Substances Control (DTSC). The investigations have included soil and groundwater sampling at the retention basins. Past use of the retention basins warranted the on-going investigation. Impacted soil and groundwater have been detected around the retention basins; therefore, the retention basins at the ESGS are identified as a REC.

Groundwater beneath ESGS and soil and groundwater beneath the retention basins are being investigated as part of agency-directed orders. Mitigation of these RECs is ongoing and will be required in the future. No other agency-directed cleanup and abatement orders were noted during this Phase I ESA. Other RECs or potential environmental concerns may be mitigated, where encountered or necessary, during future redevelopment activities in these respective areas.

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by URS Corporation (URS) for the El Segundo Generating Station (ESGS), operated by NRG Energy. The ESGS is an approximately 32.8-acre facility located at 301 Vista Del Mar Boulevard in El Segundo, California, and is situated approximately 2.5 miles southwest of the Los Angeles

International Airport and west of the San Diego Freeway (I-405) on the eastern shore of the Santa Monica Bay. The location of the ESGS is presented as Figure 1-1.

1.1 PURPOSE AND SCOPE OF SERVICES

The Phase I ESA was conducted to evaluate the potential for material environmental impairment at the subject property associated with past and current site operations and nearby land use, and to identify Recognized Environmental Conditions (RECs) affecting the subject property. The Phase I ESA was conducted in conjunction with the Application for Certification (AFC) for the El Segundo Power Redevelopment Project, authorized by El Segundo Power II LLC.

URS understands that NRG Development Company, Inc., proposes to construct and operate two electric generating unit on the ESGS property. These new units (Units 5, 6, and 7) will replace Units 1 and 2. The construction and operation of the new units are to be permitted by the California Energy Commission following their approval of the AFC.

Following is a summary of our findings. This Phase I ESA specifically did not include testing for asbestos, radon gas, lead-based paint, or lead in drinking water; testing of soil or groundwater; or evaluation of wetlands or cultural resources. In addition, this ESA did not include a compliance audit.

1.2 ASTM STANDARD

This report was prepared in general conformance with the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM Standard E 1527-00). This standard defines a REC as: “The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

Information concerning the subject property was obtained from a site reconnaissance conducted by Mr. George Piantka and Mr. Christopher Logan of URS on October 25, 2000, interviews with representatives of the subject property, and review of the documents referenced in this report.

2.1 LOCATION

The subject property is located at 301 Vista Del Mar Boulevard in El Segundo, California, and is situated approximately 2.5 miles southwest of LAX and west of the San Diego Freeway (I-405) on the eastern shore of the Santa Monica Bay (Figure 1-1).

2.2 FEATURES/USE

The facility currently comprises four gas-fired conventional, electric power generating units. The predominant structures located on the property include aboveground storage tanks (ASTs) for petroleum products; process units that include boilers, tanks, and various mechanical equipment and vessels; retention basins; office buildings; warehouses; and maintenance shops. The four powerblocks contain various structures, such as battery rooms, lube oil rooms, elevators, various sumps, and control rooms and equipment, such as boilers, pumps, pre-heaters, blowers, and turbines.

The subject property is currently zoned by the City of El Segundo as Heavy Industrial (M-2) and the General Plan land use designation for the subject property is Heavy Industrial (City of El Segundo, 1992). Generating Stations are permitted uses within the M-2 zone district.

2.3 SITE VICINITY AND ADJACENT PROPERTIES

URS observation and evaluation of adjoining properties was limited to features and conditions that were visible from public rights-of-way. The following observations were made:

North: Chevron Marine Terminal

South: Residential dwellings (City of Manhattan Beach)

East: Chevron Oil Refinery and Chevron Service Station, and

West: Dockweiler State Beach and Santa Monica Bay.

URS conducted a drive-by of the perimeter of the Chevron Refinery and the Chevron service station site on Vista Del Mar Boulevard. The Chevron Marine Terminal to the north and northeast and the El Portal residential area of Manhattan Beach to the southeast were observed from the respective property boundary fences on the ESGS site. Also, Dockweiler State Beach and bikepath to the west were observed.

Hydrocarbon-impacted soil and groundwater have been identified at the Chevron Refinery. Chevron operates a series of groundwater extraction wells and a groundwater treatment system,

which has been designed to minimize westward migration of the groundwater contamination plume beneath the Refinery and vicinity. Some of these extraction wells are visible on ESGS. Impacts to ESGS from the Chevron Marine Terminal to the north is not known. Available environmental database information for the Chevron service station adjacent to the southeast corner of the ESGS site states that impacts to ESGS are not likely because this Leaking Underground Fuel Tank (LUFT) site's regulatory status is listed as "closed."

3.1 TOPOGRAPHY

The northern end of the ESGS has been graded and paved, with ground surface elevations ranging from elevation 18 feet to 20 feet above mean lower low water (MLLW) in the powerblock areas. The existing topography at the south end of the subject property slopes down toward the west from the entrance road to the retention basin and fuel oil tank areas at a 1.5 to 1 (horizontal to vertical) slope. Elevations vary from a high point at the gatehouse of 90 feet above Mlle, to 39 feet above Mlle at the fuel tank area, and to 25 feet above Mlle at the retention basin area. The existing fuel oil tank area is level and surrounded by an earthen containment berm. Units 1 and 2 are at an elevation 19 feet above Mlle.

3.2 GEOLOGY**3.2.1 Regional Geology**

The subject property is located in the southwestern portion of the Los Angeles Structural Basin, which forms the transition between the northern portion of the Peninsular Ranges Physiographic Province and the southern portion of the Transverse Ranges Physiographic Province of California.

The Peninsular Range Province is characterized by northwest-trending mountains and valleys formed largely by a system of active right-lateral, strike-slip faults with a similar trend. The Transverse Range Province is characterized by east-west trending mountains and intervening valleys that were formed by a series of east-west trending fold belts and active left-lateral reverse and thrust faults. Over geologic time, fluvial, marine, and littoral depositional processes have influenced the subject property as sea levels have risen and fallen and as tectonic forces have changed the regional landscape.

The subject property is underlain by a thick, interbedded sequence of Quaternary clays, silts, sands, and gravels. These quaternary deposits are underlain by Tertiary sedimentary rocks, including claystones, siltstones, and sandstones. Schist and gneissic basement rocks lie beneath the sedimentary rocks at depths of about 6,700 feet.

3.2.2 Local Geology

The available soil boring data indicates that the subsurface conditions are characterized by a sequence of interbedded Pleistocene sand and gravel, and clay deposits. The underlying stratigraphy of these deposits has been divided on the basis of hydrogeologic units. The subject property vicinity is underlain by three relatively shallow aquifers separated by Aquitards, jointly extending to a depth of approximately 100 feet below ground surface. The stratigraphic units, in

descending order, consist of the Old Dune Sand, Manhattan Beach Aquitard, the Gage Sand, the El Segundo Aquitard, and the Silverado Sand. The Manhattan Beach Aquitard, which separates the Old Dune Sand from the Gage Sand, is present at the southern end of the subject property and absent beneath the northern portion of the subject property under existing Units 1 and 2. When present, it is believed to be approximately five feet thick. The following provides a description of the stratigraphic units beneath the top approximately one foot (consisting of asphalt and gravel subgrade) in descending order underlying the powerblock of Unit 1 and 2:

- Old Dune Sand/ Gage Sand Aquifers: consists of generally brown, medium dense, silty fine to medium grained sand, poorly graded (SP) with lenses of sandy gravel (GP) and occasional cobbles. The Old Dune/Gage Sand extends to about 50 to 57 feet below ground surface. Corrected standard penetration test (SPT) blow counts average 32 blows per foot.
- Manhattan Beach Aquitard: consists of generally dark greenish gray, very stiff, wet, low to high plasticity clay (CL to CH) containing minor amounts of shell fragments and interbeds of generally brown, dense, wet, fine-grained sand (sp/sm). The Manhattan Beach Aquitard was encountered at approximately 57 feet below ground surface and extended approximately 5 feet. Where present, it apparently separates the Old Dune Aquifer and the Gage Aquifer.
- El Segundo Aquitard: consists of generally dark gray, very stiff, wet, low to high plasticity clay (CL to CH) containing minor amounts of shell fragments and interbeds of generally brown, dense, wet, fine grained sand, poorly graded, silty sand (SM). The El Segundo aquitard lies beneath the Old Dune/Gage Sand varies in thickness throughout the site from 5 to 15 feet, and extends to a maximum depth of about 75 feet. Corrected SPT blow counts in the clay portion of this layer average 21 blows per foot.
- Silverado Sand: consists of generally brown, dense, wet, fine to medium grained silty to clean sand, poorly to well graded (SP to SW), with gravel. This layer has been encountered below the El Segundo Aquitard, extending to the maximum depth explored, 188 feet bgs. The total thickness of the Silverado Sand beneath the subject property is unknown.

3.3 HYDROGEOLOGY

The ESGS site is located within the West Coast Ground Water Basin, which is bordered by the Newport-Inglewood Fault on the east, Santa Monica Bay on the west, the Ballona Gap on the north, and the Palos Verdes Hills and San Pedro Bay on the south. The site vicinity is underlain by three relatively shallow aquifers (to a depth of approximately 100 feet bgs). Each of the aquifers is composed of sand and gravel and each is separated from one another by an aquitard consisting of clay. The aquitards act as barriers to the migration of groundwater between the aquifers.

The project site is underlain by three relatively shallow aquifers found in the first 100 feet below ground surface. The aquifers include the Old Dune Aquifer, the Gage Aquifer, and the Silverado Aquifer. These aquifers are separated by aquicludes/ aquitards primarily consisting of clays. In some parts of ESGS, the Manhattan Beach Aquitard separates the Old Dune Sand and Gage Sand Aquifer. In some parts of the site, it is reported that the Old Dune and Gage aquifers are in direct connection with each other. This appears evident in the northern portion of the site, where similar groundwater potentiometric surface were measured in wells completed in the Old Dune Sand and Gage Aquifers.

Shallow groundwater was encountered in the Old Dune/Gage Sand Aquifer generally at approximately 12 feet below ground surface (bgs) under unconfined conditions in December 1997 to January 1998 (Woodward-Clyde, 1998). This groundwater was measured at an elevation of approximately 8.0 feet above Mlle. Groundwater elevations monitored in the Old Dune Aquifer suggest that the water levels are tidally influenced. Differences in elevation indicated changes of approximately 0.3 foot on the western side of the site. As measured on December 15, 1997, the direction of groundwater flow in the Old Dune Aquifer was generally to the northwest at a gradient of 0.0015 feet/foot.

The El Segundo Aquitard underlies the Gage Aquifer and consists of clay with interbedded sands. Monitoring wells MW-3S and MW-3D (Woodward Clyde, 1998) screened in the Old Dune Sand Aquifer and Gage Aquifer, respectively, showed little or no difference in groundwater elevation indicating the aquifers are connected in the area of Units 1 and 2. However, based on groundwater measurements on January 21, 1998, groundwater flow in the Gage Aquifer was to the southeast at a gradient of 0.0007 feet/foot.

The Silverado Aquifer represents a major drinking water source in portions of the West Coast Basin. The potentiometric surface in the onsite wells completed in the Silverado Aquifers (EOW-24 and EOW-25, respectively), has been reported to be higher than those for wells completed in the Gage Sand Aquifer, indicating the presence of an upward vertical groundwater gradient between the Gage Aquifer and the Silverado Aquifer (Woodward-Clyde, 1998).

3.4 SURFACE HYDROLOGY

Storm water outside of the power block areas is conveyed from surface drains to oil/water separators, and then to the ESGS outfall structures on the west side of the station. Storm water is discharged under the General Industrial Activities Storm Water Permit issued by the Regional Water Quality Control Board, Los Angeles Region (RWQCB). Surface drainage in the powerblock areas is routed through oil/water separators and then to the retention basin. Oil and solids are skimmed from the surface of the retention basin and the wastewater is discharged at an ESGS outfall structure.

URS understanding of the subject property's history is based on our review of historical aerial photographs, historical topographic maps, interviews, and other referenced documents, as available.

4.1 CURRENT AND PRIOR OWNERSHIP

The subject property was built in the early fifties as the El Segundo Generating Station and has been operated by SCE as an electric generating station since May 1955. In 1998, Dynegy, Inc. and NRG Energy, Inc. (NRG) purchased the plant from Edison. Prior to its development in 1950, the subject property was undeveloped.

4.2 INTERVIEWS

URS conducted interviews with site personnel as part of the Phase I ESA. On October 25, 2000, URS interviewed Mr. George Person of El Segundo Power LLC. Mr. Person has worked at ESGS for approximately 25 years. Mr. Person provided URS with access to the powerblocks and the surrounding plant areas. Prior to the site walk, Mr. Person responded to questions regarding plant operations and hazardous materials/waste releases. Mr. Person reviewed plant operations including: (1) the use of ocean water and potable water in the power generating processes; (2) the collection system for surface drainage within the powerblocks (liquids are conveyed to the retention basin); (3) the storm water conveyance through oil/water separators and discharge to the ocean under the existing NPDES permit; and (4) current and past hazardous materials and waste storage areas. In addition, URS and Mr. Person reviewed the findings from the previous Phase I ESA conducted by CH2M HILL in 1997 (CH2M HILL, 1997). Mr. Person indicated that site conditions have not changed since the last Phase I ESA, with the exception that a trailer-mounted reverse osmosis water conditioning system was installed to the south of Unit 4. Additional information regarding this interview is included in Section 5.0.

On November 7, 2000, URS interviewed Mr. Alex Sanchez of El Segundo Power LLC. The purpose of the interview was to receive the updated Hazardous Material Business Plan (HMBP) and to review recent groundwater monitoring data provided by SCE for the retention basins. Mr. Sanchez provided the latest HMBP, dated November 3, 2000 (El Segundo Power LLC, 2000) and the most recent available groundwater monitoring data for the retention basins (SCE, 1999).

4.3 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

A records review was conducted to review potential documented environmental concerns on the ESGS and the surrounding properties. In addition, the following previous investigation reports were reviewed either as part of the Additional Buyer's Due Diligence conducted by URS (formerly as Woodward-Clyde Consultants), or as part of this study:

- Report of Limited Geotechnical and Environmental Investigations at El Segundo Generating Station (All American Soils, Inc., 1991)
- Expanded Site Assessment Report, Southern California Edison El Segundo Generating Station - Displacement Oil Tank (CEW, 1993)
- Soil/Gravel Investigation at El Segundo Generating Station (SCE, 1994)
- Environmental Site Investigation, South Oil Storage Tank, El Segundo Generating Station (SCE, 1995)
- Supplemental Environmental Site Investigation for the Cutter (Displacement) Oil Storage Tank (SCE, 1996)
- Phase I Environmental Site Assessment, El Segundo Generating Station (CH2M HILL, 1997)
- Phase II Environmental Site Assessment, El Segundo Generating Station (HSI GeoTrans, 1997a) (summary of analytical data provided in Appendix A).
- Additional Area of Investigation, Phase II Environmental Site Assessment, El Segundo Generating Station (HSI GeoTrans, 1997b)
- Liquid Hydrocarbon Recovery Project Annual Report for 1996, Chevron USA Products Company, El Segundo Refinery (Radian, 1997a)
- Liquid Hydrocarbon Recovery Project June 1997, Semiannual Sampling Event, Chevron USA Products Company, El Segundo Refinery (Radian, 1997b)
- Well Construction Report, El Segundo Generating Station (SCE, 1997)
- Excerpts from SCE's groundwater sampling report, June 1999 sampling event (SCE, 1999).

The following summarizes a review of the previous environmental investigations.

4.3.1 Groundwater. Groundwater beneath the site has been impacted by total petroleum hydrocarbons (TPH) and volatile organic compounds (VOCs) from a release at the Chevron Refinery located across Vista Del Mar Boulevard to the east of ESGS. Chevron installed a system of wells and piping at the ESGS facility for the purpose of extracting hydrocarbon

product, hydrocarbon-impacted groundwater, and hydrocarbon vapors in soil. The extraction system was installed in response to a California Regional Water Quality Control Board, Los Angeles Region (RWQCB) Cleanup and Abatement Order. The recovery wells are part of a larger regional system designed to recover hydrocarbons that have migrated from the refinery to surrounding areas. During the 1998 Additional Buyer's Due Diligence investigation, VOC's were detected in most of the samples from monitoring wells, at concentrations up to 8,100 milligrams per liter (mg/l) (Woodward-Clyde, 1998). Many of the VOC concentrations exceeded published federal maximum contaminant levels for drinking water sources.

4.3.2 Powerblock Units and ASTs. Historical activities at ESGS may have caused localized TPH and VOC impacts to shallow groundwater underlying the Units and fuel storage ASTs. Eight soil borings were completed during 1995 in proximity to south fuel oil storage tank. According to the previous investigations, Total Recoverable Petroleum Hydrocarbons (TRPH) concentrations up to 248,000 milligrams per kilogram (mg/kg) were detected in soil samples this area. The RWQCB has reportedly allowed the detected contamination to stay in place until the ASTs are removed. At the north fuel oil AST location, TPH concentrations up to 6,400 mg/kg were detected. Surface staining was observed at the location of the lube oil ASTs. Soil samples contained up to 200 mg/kg of TPH. Remediation of stained surface was recommended. In the area of the displacement oil AST, 31 soil borings were analyzed between 1991 and 1995. TPH detected in soil was reported up to 62,000 mg/kg (HIS Geotrans, 1997a,b; CH2MHILL, 1997). Remediation of elevated TPH levels in soil beneath the ASTs will likely be required if or when these ASTs are removed.

4.3.3 Retention Basins. Soil and groundwater underlying the retention basins are currently under investigation as part of SCE corporate-wide Consent Order with the Department of Toxic Substances Control (DTSC). Quarterly groundwater monitoring is currently conducted in the area of the retention basins by SCE. An elevated level of arsenic (32.1 micrograms per liter [$\mu\text{g/L}$]) was detected in one well sampled. Benzene ranging from 31 $\mu\text{g/L}$ to 330 $\mu\text{g/L}$ was detected in six wells, and MTBE ranging from 170 $\mu\text{g/L}$ to 1,500 $\mu\text{g/L}$ was detected in four wells around the retention basins. Benzene and MTBE concentrations exceed published federal maximum contaminant levels for drinking water sources (SCE, 1999).

4.3.4 Drains and Sumps. Low to moderate levels of TPH (up to 332 mg/kg) were detected in the soil samples collected from areas of drains and sumps. Additional soil sampling and groundwater grab sampling were conducted downgradient of these separator/sump areas between December 1997 and January 1998. TPH concentrations up to 7,700 mg/kg, VOCs up to 7.8 mg/kg, and semivolatile organic compounds (SVOCs) up to 13 mg/kg were detected in subsurface oil samples.

4.3.5 Fuel Pumping Areas. TPH was detected up to 23,800 mg/kg in soil samples collected in the secondary fuel pumping area #1 and the secondary fuel pumping area #2. Additional soil sampling and groundwater grab sampling was conducted on the perimeter of these areas between December 1997 and January 1998. Neither TPH nor VOC's were detected at that time, however SVOC's were detected in soil sample up to 4.0 mg/kg.

4.3.6 Transformer Areas. Oil staining was observed in the bedding material beneath and around transformers adjacent to Units 1 through 4. PCBs and metals contamination was reported in the near-surface soil at these areas. Additional soil sampling was conducted between December 1997 and January 1998. De minimus conditions were reported (Woodward-Clyde, 1998).

4.3.7 Former USTs. In the area of the former USTs (used for storing solvents and kerosene, removed in 1998), low VOC concentrations and TPH concentrations up to 990 mg/kg in soil were detected. One shallow and one deep well (MW-3S and MW 3D) (Woodward-Clyde, 1998) were constructed downgradient of the former USTs between December 1997 and January 1998. Elevated TPH concentrations and low levels of substituted benzene compounds and naphthalene were detected in soil at the water table.

4.3.8 Hazardous Materials Storage Areas. 1,1,1- Trichloroethane (1,1,1-TCA) and TPH were detected in subsurface soils near one of the Hazardous Materials Storage areas.. 1,1,1-TCA was detected up to 120 µg/kg and TPH up to 101 mg/kg. Wells MW-3S and MW-3D were constructed downgradient of this area (analytical results are discussed above).

4.3.9 Degreaser and Paint Shop. Low lead and VOC concentrations in soil were detected in the area of the degreaser and paint shop. Wells MW-3S and MW-3D were constructed downgradient of this area (analytical results are discussed above) and well MW-4S was constructed adjacent to this area.

4.4 AERIAL PHOTOGRAPHS

Historical aerial photographic coverage for the subject property was provided by Environmental Data Resources, Inc. (EDR) for the years 1928, 1947, 1953, 1968, 1976, 1989 and 1994. Pertinent observations from these photographs are summarized below.

1928 A portion of the subject property appears to be used for residential development purposes, with the remaining portion appearing as undeveloped beach area. On the opposite side of Vista Del Mar Boulevard from the subject property, the east and north adjacent properties appear to be developed with numerous, large ASTs, similar to current surrounding conditions. A continuation of the residential development extends to the south, with the Pacific Ocean bordering the west side of the subject property.

- 1947** The subject property and surrounding vicinity appear to be largely similar to those conditions observed in the 1928 photograph. The subject property remains undeveloped beach area and residential homes, and does not yet show indications of the current power plant development. The original ASTs are still apparent to the north and east, with numerous additional ASTs immediately to the east. Residential development is still apparent to the south, and the ocean to the west.
- 1953** The subject property and surrounding vicinity appear to be similar to those conditions observed in the 1928 and 1947 photographs. The subject property remains undeveloped beach area and residential homes, with no indications of the current power plant development. The ASTs are still apparent to the north and east, with more residences to the south, and the ocean to the west.
- 1968** The subject property is observed to be developed as a power plant on the 1968 aerial photograph. The site vicinity continues to be dominated by large ASTs to the north and east, with residential homes to the south, and the ocean to the west. ESGS Units 1 through 4 are apparent on the photograph, as are the two large ASTs on the south portion of the subject property.
- 1976** No significant changes are observed to the subject property, adjacent properties or site vicinity in the 1976 aerial photograph.
- 1989** No significant changes are observed to the subject property, adjacent properties or site vicinity in the 1989 aerial photograph.
- 1994** No significant changes are observed to the subject property in the 1989 aerial photograph. The subject property appears much as it did at the time of URS' site reconnaissance. Numerous ASTs are situated to the north and east, residential neighborhoods to the south, and the ocean to the west. No significant changes are observed to the adjacent properties or site vicinity.

4.5 SANBORN FIRE INSURANCE MAPS

No Sanborn Fire Insurance Map coverage was available for the subject property.

4.6 HISTORICAL TOPOGRAPHIC MAPS

URS reviewed historical topographic maps dated 1896, 1944, 1950, 1964, 1972, and 1981 for the subject property and surrounding areas. These maps are provided in Attachment A. Pertinent observations from these maps are summarized below.

- 1896** The subject property is depicted as vacant land in the 1896 map. The Atchison, Topeka and Sante Fe Railroad is present several miles to the east of the subject property. The City of Redondo is the nearest urban area, located approximately 10 miles south of the subject property. The site vicinity is indicated as undeveloped.
- 1944** The subject property remains vacant on the 1944 map, the Standard Oil (Chevron) Refinery is present to the east of the subject property, but no ASTs are depicted. The municipalities of Manhattan Beach to the south and El Segundo to the north are now evident. The site vicinity is indicated as developed with residential housing.
- 1950** The subject property is still vacant and undeveloped on the 1950 map. No structures are depicted on the subject property. A large number of ASTs associated with the oil refinery to the east are now indicated. The site vicinity is relatively unchanged from the 1944 map.
- 1964** The structures that comprise the ESGS facility are now evident on this map. The original Coast Boulevard, which previously bisected the subject property, has been relocated and replaced by Vista Del Mar Boulevard. Vista Del Mar Boulevard runs adjacent along the eastern boundary of the subject property. The site vicinity is relatively unchanged from the 1950 map except for an increased number of large ASTs associated with the oil refinery to the east.
- 1972** No significant changes were indicated to the subject property, adjacent properties or site vicinity on the 1972 map. A few more ASTs are present to the east at the adjacent refinery property.
- 1981** No significant changes were indicated to the subject property, adjacent properties or site vicinity on the 1981 map.

Mr. George Piantka and Mr. Christopher Logan of URS conducted a site reconnaissance of the subject property on October 25, 2000. The site reconnaissance consisted of a walking tour of the property, which began at the AST area and continued north to the northern property boundary. Asbestos, lead-based paint, radon gas, and lead-in-drinking water surveys were not conducted as part of the Site Reconnaissance, although asbestos-containing materials and lead-based paint are suspected on the property. Subject property photographs are provided in Appendix A. Observations from the site reconnaissance are noted below.

The exterior periphery of the property was observed from public roadways: from the east on Vista Del Mar Boulevard, the south along 45th Street, north along the Chevron Marine Terminal, and west along the perimeter fence. A small grass-covered employee area was observed to the west of Unit 1 and adjacent to the beach. The primary fueling area located east of the retention basins, the gas metering area, and the aboveground oil lines were observed. Staining was not observed in these areas. The oil lines are reported to primarily run through subgrade concrete vaults, which act to provide a degree of secondary containment. It was reported that most of the pipelines at the station run aboveground.

5.1 HAZARDOUS MATERIALS AND HAZARDOUS WASTES

URS reviewed the facility's Hazardous Materials Business Plan, dated November 3, 2000. A variety of hazardous substances are currently and have historically been used and stored on the subject property. These include the following:

- Diesel
- Fuel Oil
- Kerosene
- Dielectric Oil
- Mineral Oil
- Dielectric Solvent
- Ammonia
- Hydrazine
- Sodium Hydroxide
- Phosphate
- Sulfuric Acid
- Chlorine
- Acedic Aqueous Solution
- Sodium Hypochlorite
- Ethylene Glycol
- Hydraulic Oil
- Transmission Fluid

- Mineral Spirits
- Lacquer Thinner
- Amines
- Trichloroethane
- Inhibitor
- Compressed gases (propane, nitrogen, hydrogen, acetylene, oxygen, argon, helium).

The facility maintains a permit with the El Segundo Fire Department for use of aboveground and underground storage tanks, hazardous materials storage, and hazardous waste generation.

Hazardous materials storage areas were observed within Units 1 through 4 during the site reconnaissance. Within Units 1 and 2, six 55-gallon oil dispensing drums were observed. Approximately twenty-six 55-gallon drums were observed that contained turbine and gear lubricating oils. Three 55-gallon drums containing waste-oil like material were observed on secondary containment drum pallets. One 55-gallon drum containing oily rags was observed near the drum pallets. Also approximately 40 empty drums were observed. Within Units 3 and 4, eight 55-gallon oil dispensing drums were observed. Two 55-gallon drums containing waste-oil like material and labeled "hazardous waste" were observed on secondary containment drum pallets. Also, three 55-gallon drums with waste liquids (not labeled "hazardous waste") were observed in the vicinity of the drum pallets. Housekeeping around the drums appeared to be good. Minor surficial staining was observed on the concrete in the vicinity of the dispensing drums. A paint shop and the adjacent storage and maintenance building were observed during the site reconnaissance. Metal debris and paint overspray were observed at the paint shop.

The facility maintains an EPA ID# (CAR 000036848) for the generation of hazardous waste. The facility currently and has historically generated the following types of hazardous waste:

- Waste lubricating oils
- Waste mineral oil
- Ignitable wastes
- Corrosive wastes
- Waste benzene
- Waste flammable liquids
- Waste halogenated solvents
- Organic and inorganic solid waste
- Asbestos-containing waste
- Waste paint, thinner and paint debris
- Waste hydrazine
- Waste oil containing Polychlorinated Biphenyls (PCBs).

The ESGS's hazardous waste storage area, located south of the gas metering area, was observed. Approximately fifteen 55-gallon drums and one 35-gallon drum were observed. No visible evidence of recognized environmental conditions were observed in this area.

The former hazardous materials and wastes storage area located west of Unit 1 and east of the park was observed. Hazardous material or wastes were not observed within this area. This area formerly contained two 500-gallon underground storage tanks (USTs) for storage of kerosene and solvent, respectively.

5.2 SOLID WASTE

Solid waste in the form of rubbish, wood, and scrap metal and equipment is currently generated at the subject property and is removed by a licensed waste hauler. Rubble piles were observed along the access road west of the AST area. The rubble piles primarily contained concrete, asphalt, and soil.

5.3 WASTEWATER

Sanitary sewage generated on the subject property is currently treated onsite and the effluent discharged to the Pacific Ocean through the station's circulating water system discharge. Industrial wastewater is currently generated on the subject property from cooling tower blow down and is discharged to the Pacific Ocean. Storm water is conveyed to surface drains that lead to three 840-gallon concrete oil/water separators. The separators drain to the station outfall. The separators are bypassed only during peak rainstorms to avoid overflow of the units. South of the property, storm water flows past the fuel oil storage area, and flows down a roadway on the north side of the station to a discharge culvert located on the beach. Storm water is discharged under the General Industrial Activities Storm Water Permit issued by the RWQCB.

5.4 ABOVEGROUND STORAGE TANKS

Several ASTs were observed on the subject property during the site reconnaissance. These ASTs include a 2,600-gallon bleach tank located north of Units 3 and 4, a 40,500-gallon lubricating oil AST located on the ground floor on Unit 1, and a 141,265 cubic foot nitrogen tank. Water storage tanks were observed north of Unit 1 and between Units 2 and 3. RECs were not observed in these areas.

The fuel-oil tank farm area, including containment berms and perimeter drainage systems, was observed. Two gallon fuel oil ASTs and one gallon displacement oil AST were observed within the tank farm. The containment berms appeared to be in good condition. Staining was observed inside the containment area (i.e., sump) for the displacement oil AST pumping equipment. The north fuel oil AST was reported to be empty.

The aboveground storage tanks located along the western property fence and north of the retention basins are labeled as containing "urea." No staining was observed around these ASTs.

Various additional ASTs were observed. These tanks are smaller, approximately 1,000-gallons or less, and store substances such as sulfuric acid, sodium hydroxide, chlorine and caustic soda. These ASTs were observed to be within concrete secondary containment units. No leaks or stains were observed beneath or around the ASTs.

5.5 UNDERGROUND STORAGE TANKS (UST)

A 20,000-gallon UST containing aqueous ammonia is presently located onsite near the entry road to ESGS. Two adjacent, 500-gallon steel USTs previously used to store chlorinated solvents and kerosene were reportedly removed from the facility in 1988. As discussed in Section 4.3, Phase II Investigations have been conducted in the area of former USTs. Low VOC concentrations and TPH concentrations up to 990 mg/kg were detected. According to the review of previous investigation reports, the former UST area was given closure by the Los Angeles County Department of Public Works.

5.6 DRUMS AND CONTAINERS

As described in Section 5.1, numerous drums and small containers of various hazardous materials were observed during the site reconnaissance, and were reported to have historically been used in various areas of the subject property. No leaks or stains were observed beneath the drums and containers during the site reconnaissance.

5.7 DRAINS, SUMPS, OR CLARIFIERS

Units 1 and 2 were not operational at the time of the site reconnaissance, however, Units 3 and 4 were in operation. Within the powerblock areas, floor drains collect drainage and direct it to a sump. Water in the sump is then pumped to the retention basin where any oil is skimmed off.

The ESGS has an oil/water separator located on the northwest side of the station. The separator was reported to be of concrete construction. Waste oil from the sumps, oil/water separator, and skimmed oil from the retention basins is removed from the station by a hazardous materials contractor.

5.8 WELLS

Three monitoring wells completed as part of NRG's 1998 Additional Due Diligence investigation, were observed during the site reconnaissance. Numerous groundwater monitoring

wells and liquid and vapor extraction wells installed as part of Chevron's Liquid Recovery Program were also observed.

5.9 DISCOLORED/STAINED PAVEMENT OR SOIL/STRESSED VEGETATION

Discolored soil and stressed vegetation were not observed on the subject property during the site reconnaissance.

5.10 PITS, PONDS, OR LAGOONS

Pits, ponds, or lagoons were not observed or reported to exist on the subject property.

The lined retention basin with two compartments was observed to be in service. Perimeter groundwater monitoring wells were observed. At the time of the site visit, the liquid level was more than 1 foot below the top of the containment in the retention basin. Floating oil was observed to have accumulated in the southeast corner of one of the retention basins. No odors, evidence of spills, or damage to the basin liner was observed. Discharges from the retention basins to the Pacific Ocean are monitored in accordance with the site NPDES permit. The wastewater in the basin was reported to consist of boiler blowdown, floor drains, liquids, wash waters, and oil/water separator discharge.

5.11 POLYCHLORINATED BIPHENYLS (PCB)/TRANSFORMERS

The south perimeter of the electrical switchyard was also observed. Odors or staining were not evident in the switchyard. Transformers observed in the vicinity of the powerblocks are reported to currently contain oil that is documented to have less than 50 ppm of polychlorinated biphenyls (PCBs). The transformers contained oil with higher concentrations of PCBs before 1976 (CH2M HILL, 1997). No records or reports of spills of oil from transformers were discovered. Several areas of oil-stained bedding material were identified in the vicinity of Units 1 and 2. These stained areas are considered RECs.

5.12 ADDITIONAL CONCERNS

Mr. Person reiterated the findings in the CH2M HILL's Phase I ESA regarding hazardous materials releases documented in 1984 and 1988. In 1984, a fuel oil line leaked approximately 15 barrels of oil that drained to the ocean. This spill was remediated and the drainage design changed so that any future leak would be contained onsite. The second spill occurred in 1988 when fuel oil entered the circulating water system (CH2M HILL, 1997). This spill was also reported by SCE to have been contained within a concrete vault. SCE remediated the release. Mr. Person did not recall any other spills in the powerblocks and the surrounding areas.

6.1 DATABASE SEARCH

URS reviewed information gathered from several environmental databases through Environmental Data Resources, Inc. (EDR) to evaluate whether activities on or near the subject property have the potential to create adverse environmental impacts on the subject property. EDR reviews databases compiled by Federal, State, and local government agencies. The complete list of databases is provided in Attachment B. It should be noted that this information is reported as received from EDR, which in turn reports information as it is provided in various government databases. It is not possible for either URS or EDR to verify the accuracy or completeness of information contained in these databases. However, the use of and reliance on this information is a generally accepted practice in the conduct of environmental due diligence. The databases searched and the information obtained is summarized below.

Type of Database/Date	Description of Database/Effective Date	Search Radius	Number of Sites Identified
NPL	The National Priorities List (NPL) identifies uncontrolled or abandoned hazardous waste sites. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a state's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost-effective than removal action. Effective Date - 8/98	1 mile	0
CERCLIS	The Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment. Effective Date - 6/98	0.5 mile	0
RCRA TSDs	Resource Conservation & Recovery Act (RCRA) treatment, storage, or disposal (TSD) sites Effective Date - 2/98	0.5 mile	0
RCRA Generators	RCRA-regulated hazardous waste generator notifiers list; both Large and Small Quantity Generators are included in this list. Effective Date - 2/98	0.25 mile	0
ERNS	EPA's Emergency Response Notification System (ERNS) list contains reported spill records of oil and hazardous substances Effective Date - 7/98	0.125 mile	0
SPL (Cal-Sites)	State Priority List Hazardous Waste Sites Listing Effective Date - 7/98	1 mile	3
SWF/LS	State inventory of solid waste disposal and landfill sites Effective Date - 6/98	0.5 mile	0
LUST	List of information pertaining to all reported leaking underground storage tanks Effective Date - 4/94 to 8/98	0.5 mile	0

The refinery wastes for 1997 were listed as: ignitable wastes, reactive wastes, corrosive wastes, arsenic, cadmium, chromium, lead, mercury, selenium, benzene, tetrachloroethene, vinyl chloride, halogenated solvents, primary and secondary oil/water/solids separation sludge, slop oil emulsion solids, dissolved air flotation solids, and heat exchanger bundle cleaning sludge.

The refinery is reported to have, or have had in the past, 17 toxic pits. Discharge to the pits is reported to have ceased in 1991.

Several releases of hazardous materials were reported by EDR at the refinery between 1988 and 1990. The materials involved were: butane, propane, fuel oil/steam combinations, liquified petroleum gas, sulfur dioxide, hydrogen sulfide, sulfuric acid, and mercaptan.

This facility is listed as having 113 USTs, with no reports of any leaks. The contents of the USTs are listed as either "waste" or "product", with product modified as unleaded or diesel for some USTs. The earliest date given for the installation of an UST at the refinery is 1923. Several other USTs were installed in 1926, 1938, and in subsequent decades. Whether USTs at the refinery have leaked was not reported by EDR, but the refinery is not listed on the leaking UST database.

Based on the distance of the facility from the subject property and the regulatory status of the facility, the potential of this facility to impact the subject property is reported to be high.

Chevron Service Station #9-7608 at 601 West Vista Del Mar Boulevard is located at the southeast corner of the ESGS site. Four USTs, one containing waste, the others containing product, are reported at the service station. The ages of the USTs were not provided. The regulatory status for the service station is closed as of November 1999. Therefore, the potential of this facility to impact the subject property is low.

URS reviewed the **Orphan Sites** list, which are sites that have not been geocoded based on lack of sufficient data regarding their exact location within the general area. The facilities listed as orphan sites do not appear to be located within ½ mile of the subject property and are not expected to have an environmental impact on the subject property.

6.2 REGULATORY CONTACTS

URS contacted local and state agencies to obtain information regarding the subject property, such as the status of environmental permits, violations, or corrective actions. The following agencies were contacted.

El Segundo Fire Department: The fire department has not yet responded to our written request for information. Based on a phone interview with Mr. Steve Tsumura of the City of El Segundo

Fire Department, the City is the primary contact for hazardous material permits, the Hazardous Materials Business Plan, and the Risk Management Plan. They maintain permits and documents related to violations and releases. However, they do not administer or maintain records of NPDES or air permits.

Department of Toxic Substance Control: The DTSC has indicated that files exist for the retention basins. URS has reviewed recent groundwater monitoring data generated by SCE.

Los Angeles County Health and Hazardous Materials Division (LACHHMD): The LACHHMD has not yet responded to our written request for information.

Regional Water Quality Control Board, Los Angeles Region: URS has reviewed the Chevron Cleanup and Abatement Order (88-055) and recent groundwater data generated by Chevron.

URS will attempt to conduct file reviews at the above agencies that maintain files for the subject property. If information collected in the file review process changes the conclusions and recommendations of this report, a letter report will be submitted.

Based on information obtained through completion of this Phase I ESA, the following REC's from on- and off-site sources have been identified:

- Groundwater beneath the subject property has been impacted by TPH and VOCs from a release at the Chevron Refinery, adjacent to the north side of the ESGS. Many of the reported concentrations exceed federal MCLs for the VOCs.
- Historical activities at ESGS may have caused the localized TPH and VOC impacts to shallow groundwater underlying the Units, existing fuel-containing ASTs, and former USTs.
- Soil and groundwater underlying the Retention Basins have been under investigation in accordance with SCE's corporate-wide Consent Order with DTSC. Based on most recently available data in ESGS files (March 1999), an elevated level of arsenic (32.1 µg/L) was detected in one well sampled. Benzene, ranging from 31 to 330 µg/L was detected in six wells, and MTBE ranging from 170 to 1,500 µg/L was detected in four wells around the retention basins. These reported concentrations exceed federal MCL for these chemicals.
- Total petroleum hydrocarbons were detected in soil around the displacement and south fuel oil ASTs at concentrations greater than 1,000mg/kg. TPH in soil beneath the ASTs will likely require management if or when these AST are removed.
- Oil staining was observed in the bedding material beneath and around transformers adjacent to Units 1 through 4. Transformers in this area are reported to have previously contained PCB-bearing dielectric oils.
- VOCs were detected in the subsurface near the Hazardous Waste Storage area.
- Other than ESGS and Chevron Refinery, no sites with a potential to impact subsurface soil and groundwater underlying ESGS were noted in the environmental database.

The conclusions presented in this report are professional opinions based solely upon indicated data described in this report, visual observations of the subject property and vicinity, and our interpretation of the available historical information and documents reviewed, as described in this report. They are intended exclusively for the purpose outlined herein and the site locations and project indicated.

It should be recognized that this study was not intended to be a definitive investigation of contamination at the subject property and the conclusions provided are not necessarily inclusive of all the possible conditions. Given that the scope of services for this investigation was limited and that exploratory borings, soil and/or groundwater sampling or analytical testing was not undertaken, it is possible that currently unrecognized subsurface contamination may exist at the subject property. URS makes no representations regarding the value or marketability of the subject property or the suitability for any particular use, and none should be inferred based on this report.

Opinions and recommendations presented herein apply to the site conditions existing at the time of our investigations and cannot necessarily apply to site changes of which URS is not aware and has not had the opportunity to evaluate. Changes in the conditions of this property may occur with time due to natural processes or the works of man on the adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control. Any reliance on this report by any other third party shall be at such party's sole risk.

Environmental Data Resources Database Report, October 25, 2000.

Personal Interview: George Person, El Segundo Power LLC, October 25, 2000.

Personal Interview: Alex Sanchez, El Segundo Power LLC, November 7, 2000

All American Soils, Inc., 1991. Report of Limited Geotechnical and Environmental Investigations at El Segundo Generating Station. August.

CEW, 1993. Expanded Site Assessment Report, Southern California Edison El Segundo Generating Station - Displacement Oil Tank. December.

CH2M HILL, 1997. Phase I Environmental Site Assessment, El Segundo Generating Station. Date unknown.

HSI GeoTrans, 1997a. El Segundo Generating Station, Phase II Environmental Site Assessment. June.

HSI GeoTrans, 1997b. Additional Area of Investigation, Phase II Environmental Site Assessment, El Segundo Generating Station. September.

Los Angeles Regional Water Quality Control Board (LARWQCB), 1988. Cleanup and Abatement Order No. 88-55 for Chevron USA, Inc.

LARWQCB, 1995a. Revised Cleanup and Abatement Order No. 88-55. May.

LARWQCB, 1995b. El Segundo Generating Station - South Oil Storage Tank - Southern California Edison Company (SCE), El Segundo (File No. 94-035). June 7.

Radian, 1997a. Liquid Hydrocarbon Recovery Project Annual Report for 1996, Chevron USA Products Company, El Segundo Refinery, February.

Radian, 1997b. Liquid Hydrocarbon Recovery Project June 1997, Semiannual Sampling Event, Chevron USA Products Company, El Segundo Refinery.

Southern California Edison (SCE), 1994. Soil/Gravel Investigation at El Segundo Generating Station. September 19.

SCE, 1995. Environmental Site Investigation, South Oil Storage Tank, El Segundo Generating Station. May.

SECTION 9.0

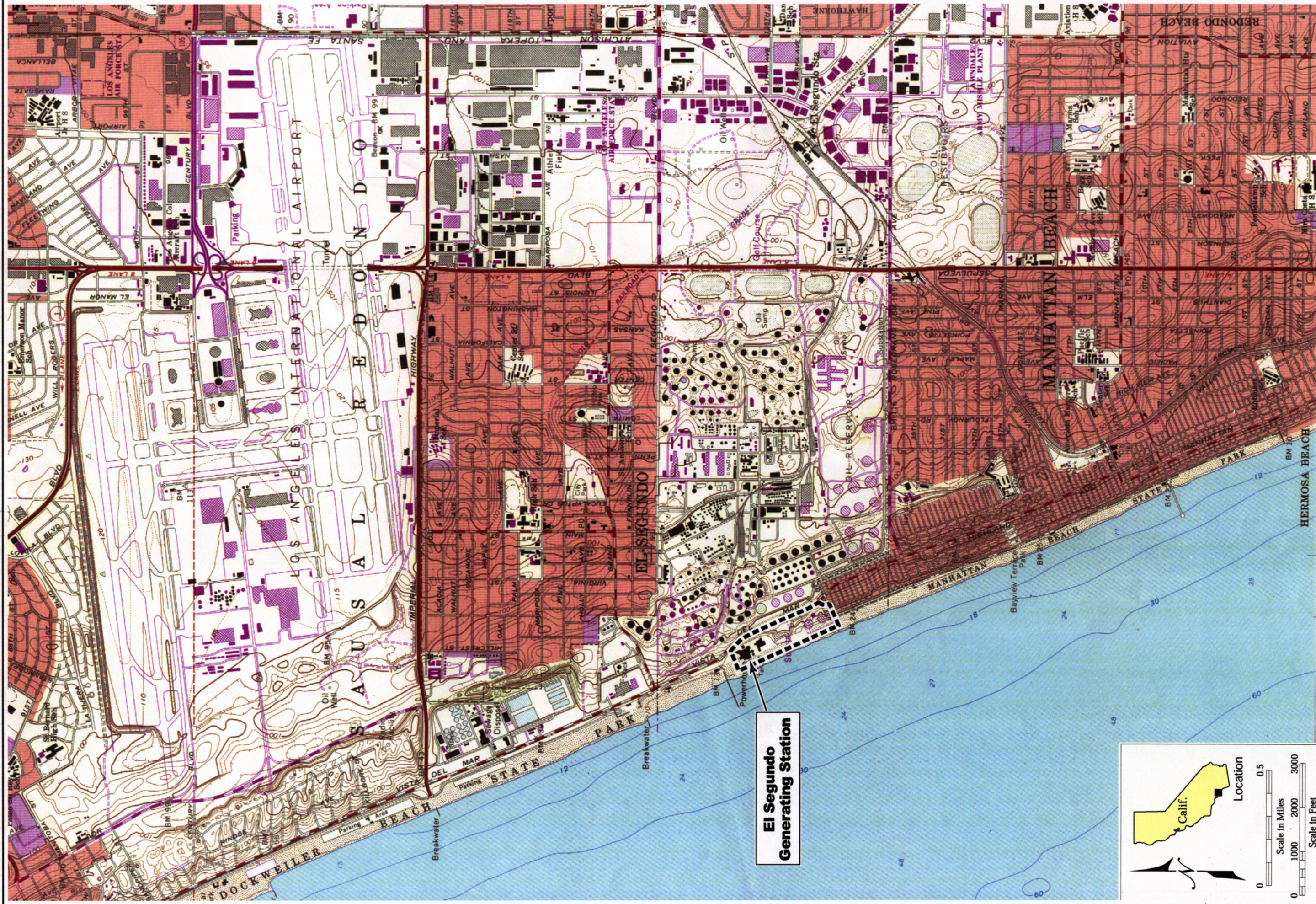
REFERENCES

SCE, 1996. Supplemental Environmental Site Investigation for the Cutter (Displacement) Oil Storage Tank. January.

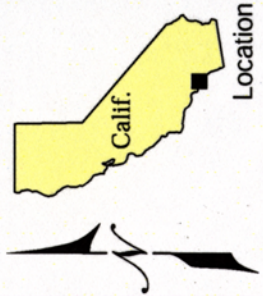
SCE, 1997a. Well Construction Report. April.

SCE, 1997b. Title Unknown - Groundwater Sampling Results - Retention Basin, El Segundo Generating Station.

Woodward-Clyde, 1998. Additional Buyer's Due Diligence Investigation, El Segundo Generating Station, February.

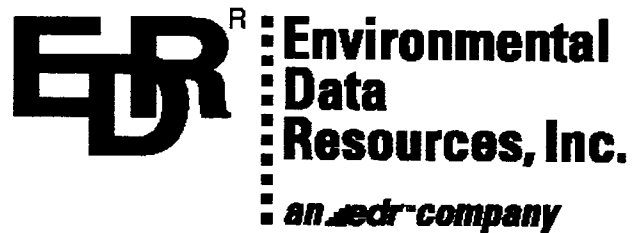


**El Segundo
Generating Station**



APPENDIX A

SITE PHOTOGRAPHS



**The EDR-Historical
Topographic Map
Report**

**El Segundo Generating Station
301 Vista Del Mar Blvd
El Segundo, CA 90245**

October 27, 2000

Inquiry Number: 556007-6

***The Source
For Environmental
Risk Management
Data***

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802**

Environmental Data Resources, Inc. Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

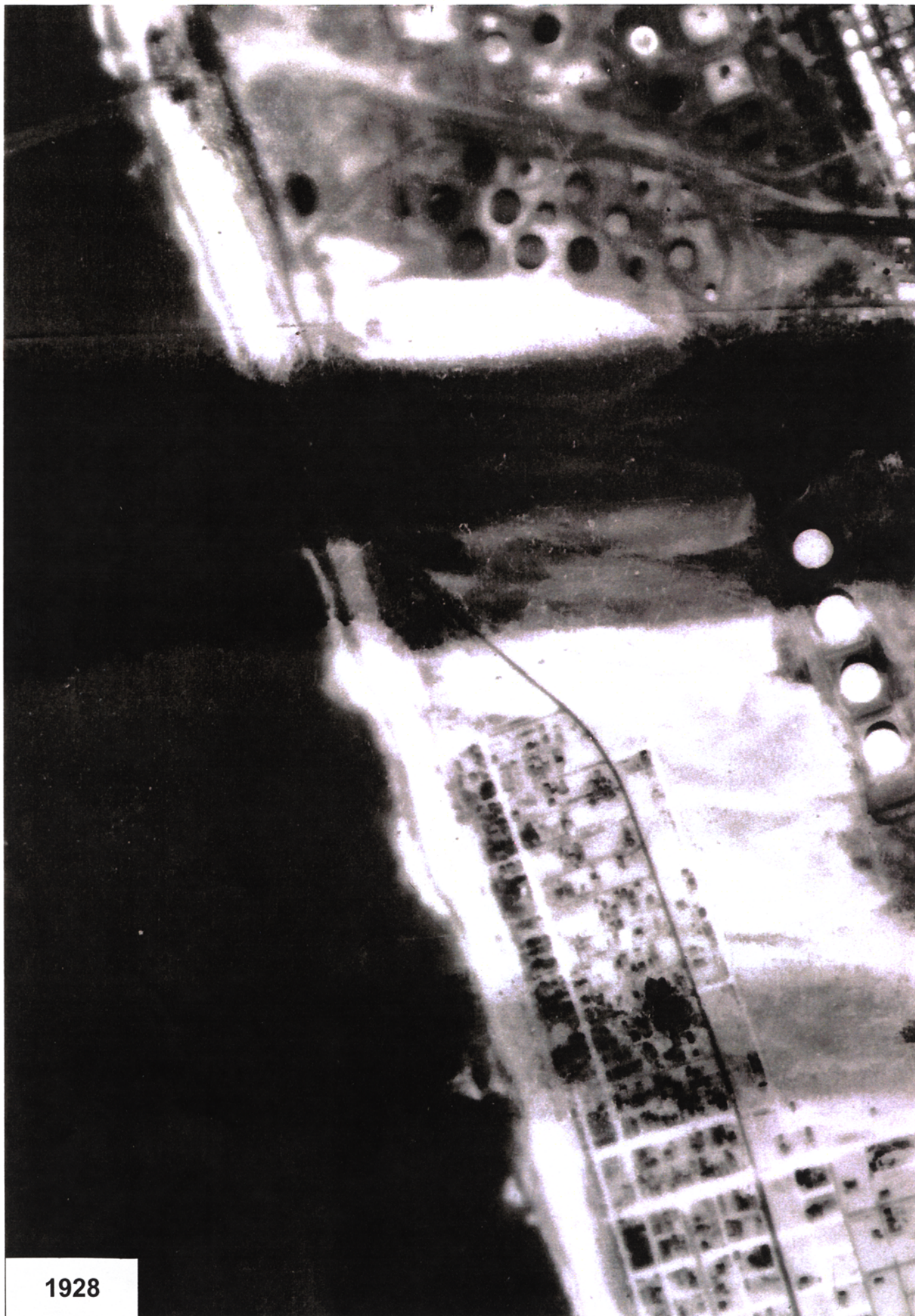
To meet the prior use requirements of ASTM E 1527-00, Section 7.3.2, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/and use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2 page 11.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

Topographic Maps

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.



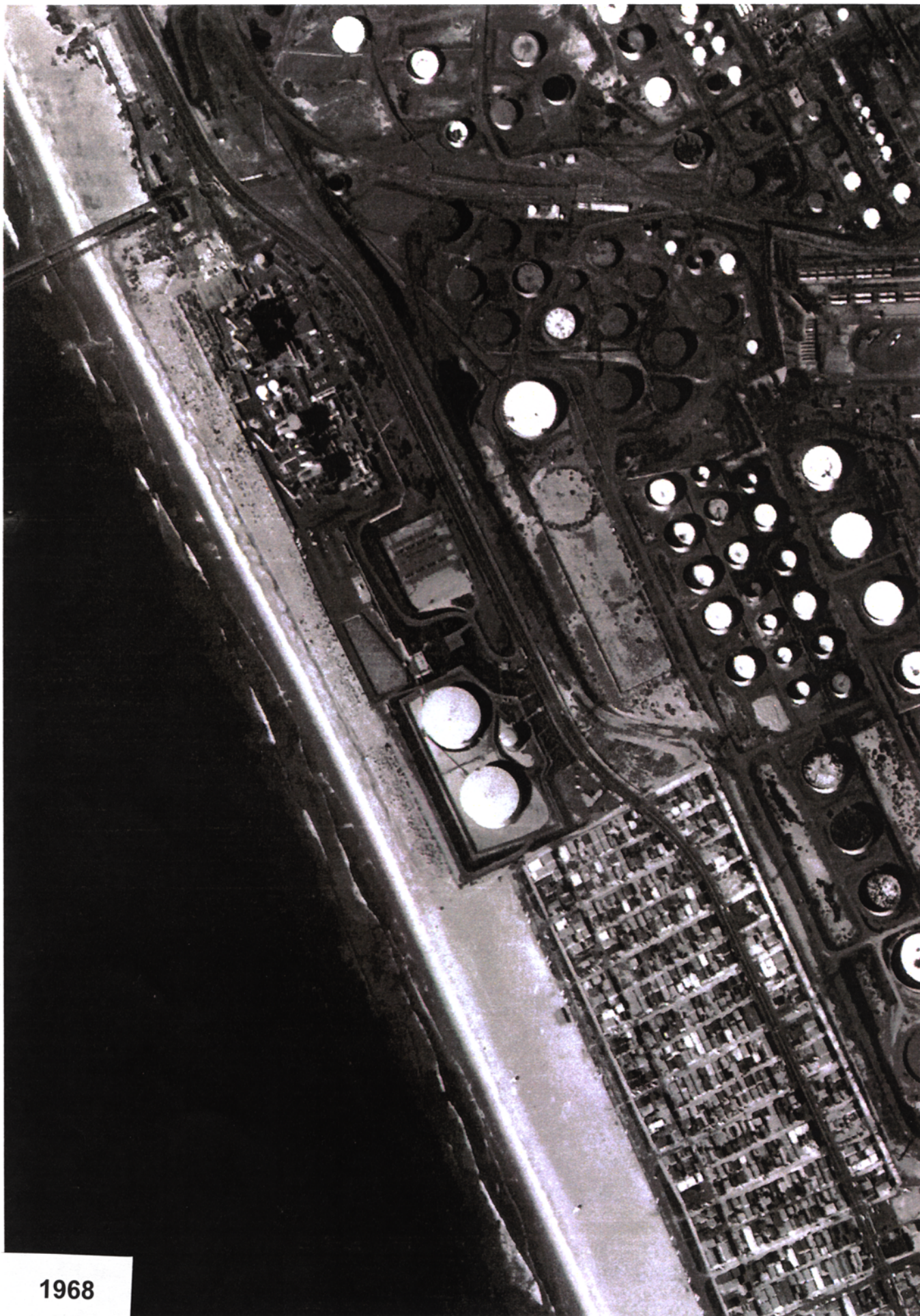
1928



1947



1953



1968



1976



1989



The EDR-Aerial Photography Print Service

**El Segundo Generating Station
301 Vista Del Mar Blvd
El Segundo, CA 90245**

October 27, 2000

Inquiry Number: 556007-7

The Source For Environmental Risk Management Data

**3530 Post Road
Southport, Connecticut 06490**

Nationwide Customer Service

**Telephone: 1-800-352-0050
Fax: 1-800-231-6802**

Environmental Data Resources, Inc.

Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.2, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 11).

Aerial Photographs

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of aerial photograph collections flown by public and private agencies for the state of California. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at approximately ten year intervals.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8a.m-8pm EST)
with questions or comments about your report.
Thank you for your business!

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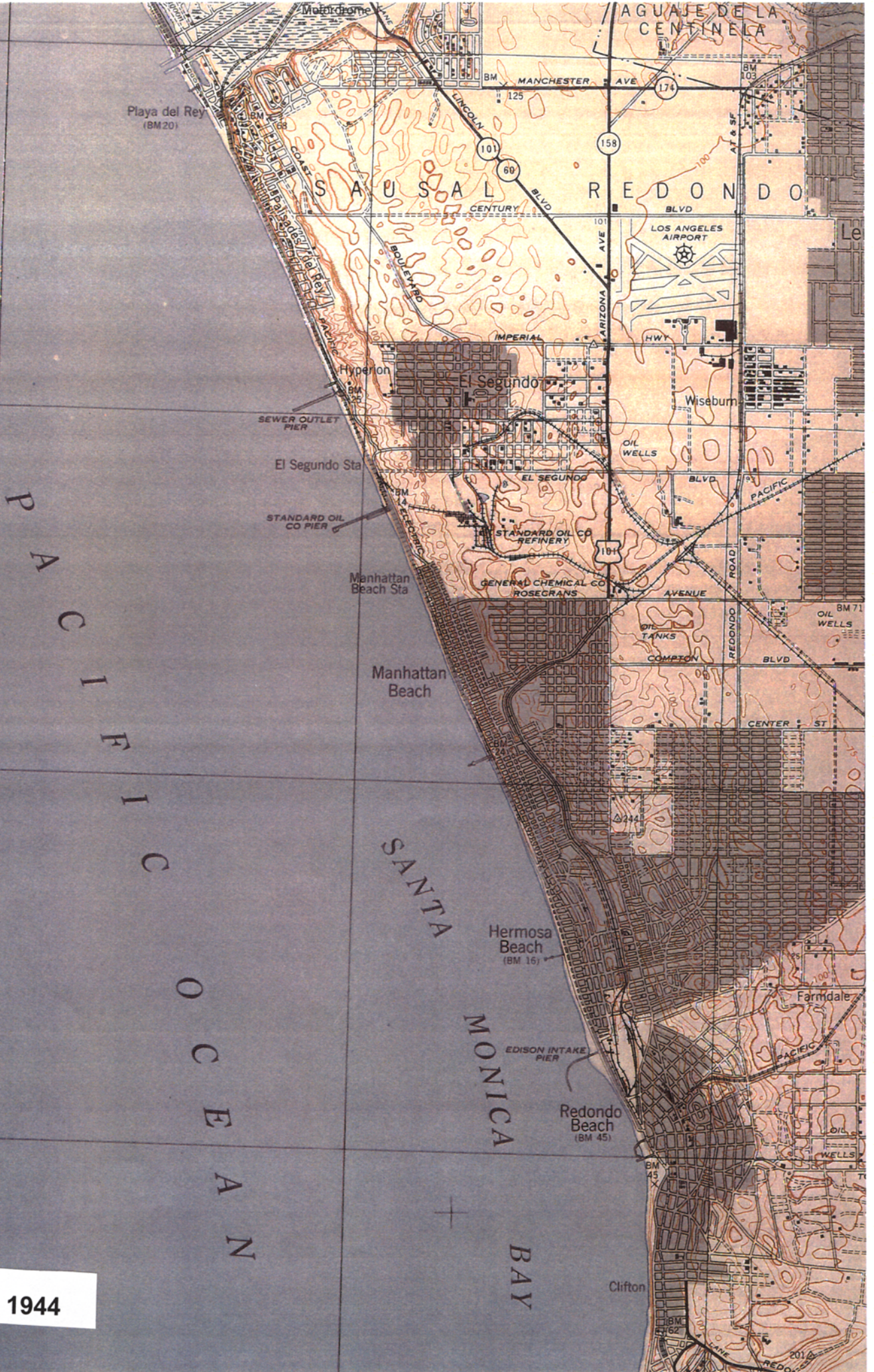
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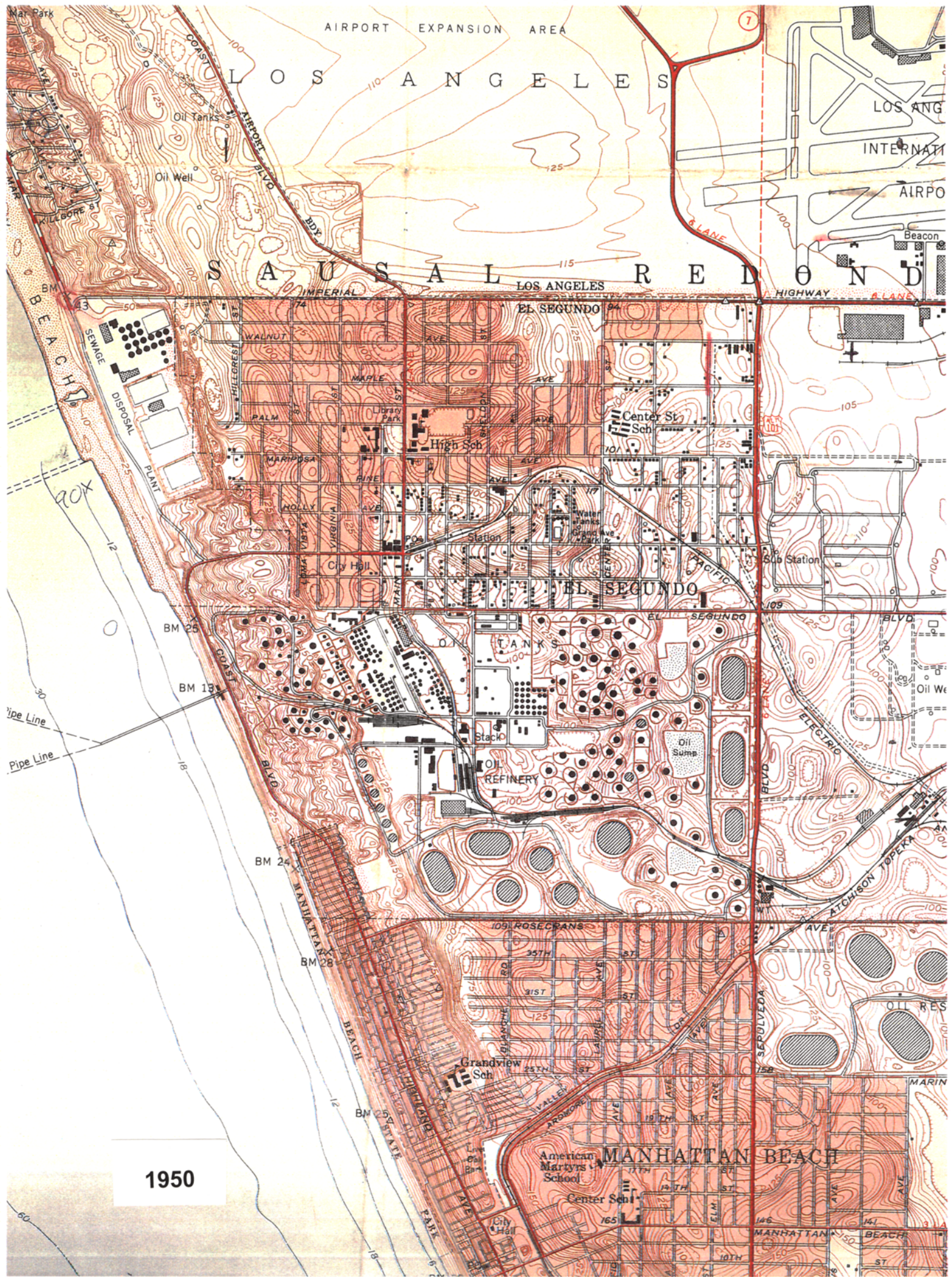
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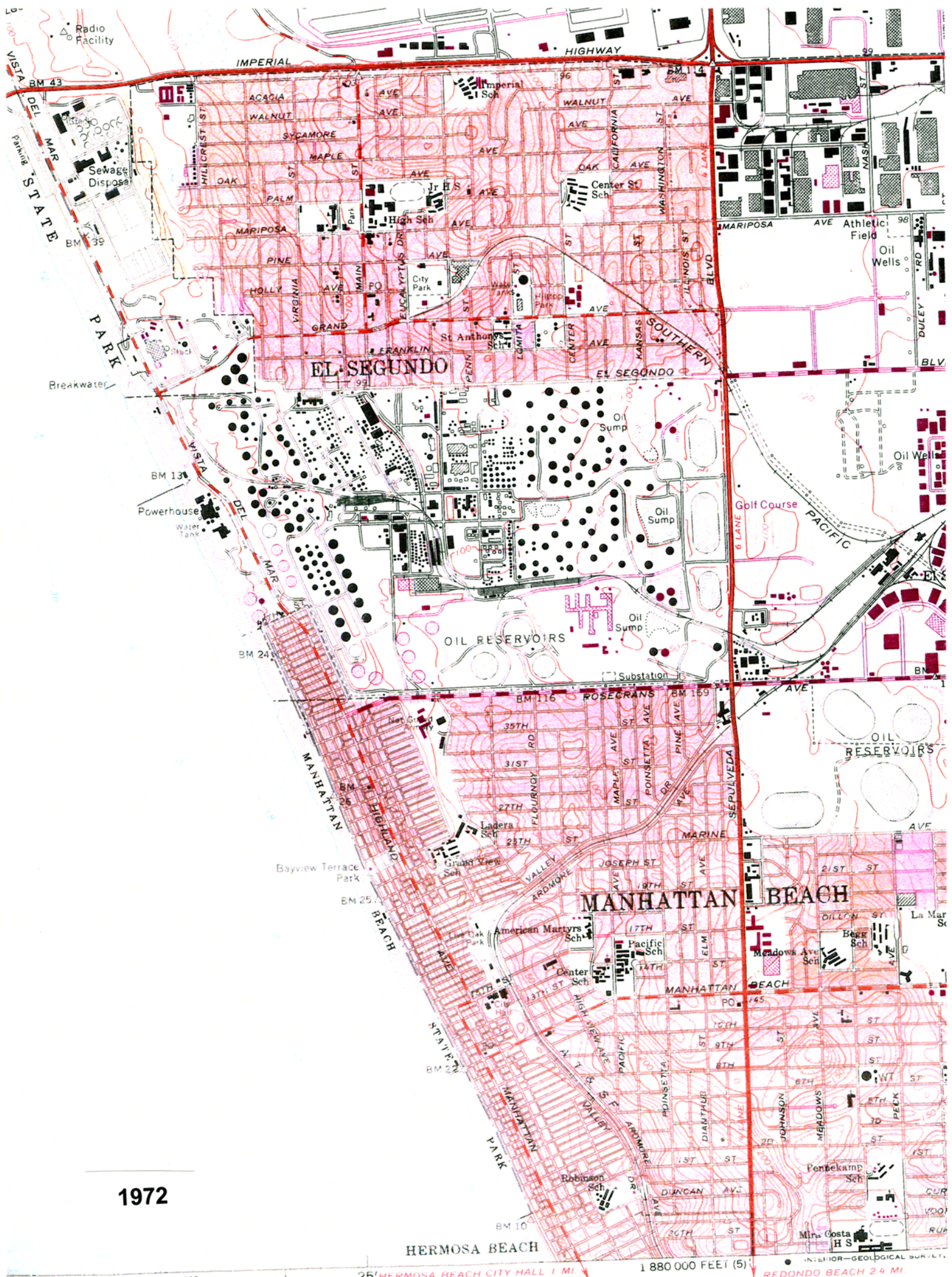
1944





1950



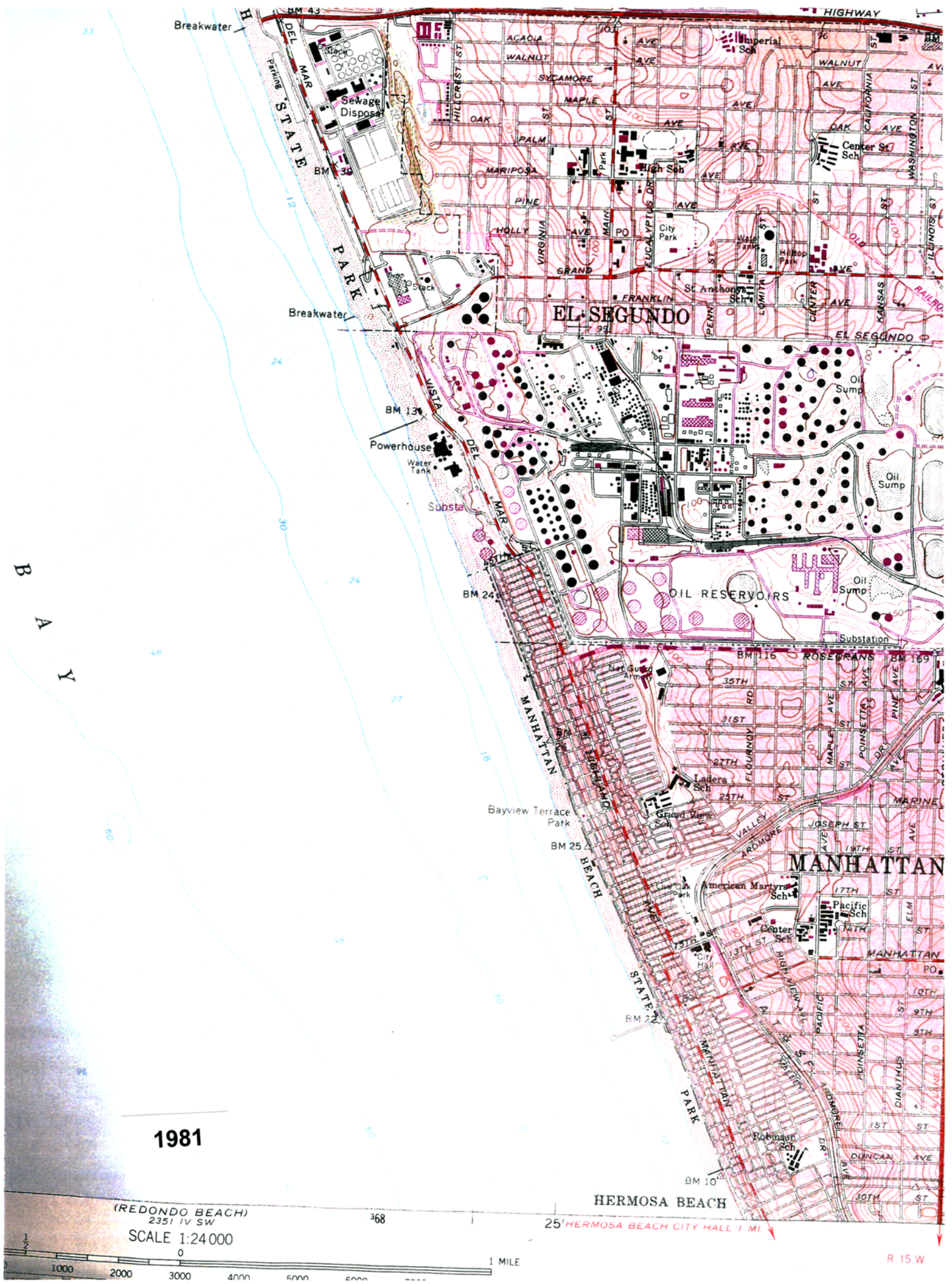


1972

HERMOSA BEACH

1 880 000 FEET (5)

REDONDO BEACH 2.4 MI



1981

(REDONDO BEACH)
2351 IV SW

SCALE 1:24 000

HERMOSA BEACH

25' HERMOSA BEACH CITY HALL 1 MI.

R 15 W

APPENDIX B

ENVIRONMENTAL DATABASE REPORT



The EDR-Radius Map with GeoCheck[®]

El Segundo Generating Station
301 Vista Del Mar Blvd
El Segundo, CA 90245

Inquiry Number: 1556007.4p

October 25, 2000

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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GEOCHECK ADDENDUM

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

301 VISTA DEL MAR BLVD
EL SEGUNDO, CA 90245

COORDINATES

Latitude (North): 33.908000 - 33° 54' 28.8"
Longitude (West): 118.421290 - 118° 25' 16.6"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 368597.5
UTM Y (Meters): 3752670.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2433118-H4 VENICE, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA 90245	CHMIRS HMS	N/A
EL SEGUNDO GENERATING STATION 301 VISTA DEL MAR BLVD EL SEGUNDO, CA 90245	FINDS RCRIS-LQG HAZNET Ca. WDS	CAR000036848
SOUTHERN CALIFORNIA EDISON - EL SEGUNDO 301 VISTA EL SEGUNDO, CA 90245	CA SLIC	N/A
301 VISTA DEL MAR 301 VISTA DEL MAR EL SEGUNDO, CA	ERNS	N/A
SOUTHERN CALIFORNIA EDISON 301 VISTA DEL MAR EL SEGUNDO, CA 90245	UST	N/A
EL SEGUNDO POWER LLC 301 VISTA DEL MAR EL SEGUNDO, CA	UST	N/A
EL SEGUNDO GENERATING STATION 301 VISTA DEL MAR EL SEGUNDO, CA 90245	UST	N/A

EXECUTIVE SUMMARY

SO. CALIF. EDISON 301 VISTA DEL MAR EL SEGUNDO, CA 90245	Notify 65	N/A
EL SEGUNDO PUMP STATION 301 VISTA DEL MAR EL SEGUNDO, CA 90245	UST AST	N/A
SCE, EL SEGUNDO GENERATING STA 301 VISTA DEL MAR EL SEGUNDO, CA 90245	Toxic Pits	N/A
SO CALIF EDISON EL SEGUNDO GEN STA 301 VISTA DEL MAR EL SEGUNDO, CA 90245	RCRIS-SQG FINDS	CAD000630962

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL.....	National Priority List
Delisted NPL.....	NPL Deletions
CERCLIS.....	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP.....	Comprehensive Environmental Response, Compensation, and Liability Information System
RCRIS-TSD.....	Resource Conservation and Recovery Information System

STATE ASTM STANDARD

AWP.....	AWP
SWF/LF.....	State Landfill
WMUDS.....	WMUDS/SWAT
LUST.....	Leaking Underground Storage Tank Information System
Ca. BEP.....	CA Bond Exp. Plan
Ca. FID.....	CA FID

FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	CONSENT
ROD.....	ROD
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Lien.....	NPL Liens
PADS.....	PCB Activity Database System
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act

STATE OR LOCAL ASTM SUPPLEMENTAL

SWF/LF.....	State Landfill
-------------	----------------

EXECUTIVE SUMMARY

Site Mitig..... Site Mitigation
AOCONCERN..... San Gabriel Valley Area of Concern

EDR PROPRIETARY DATABASES

Coal Gas..... Former Manufactured gas (Coal Gas) Sites.

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 04/20/2000 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CHEVRON U S A INC</i>	<i>324 W EL SEGUNDO BLVD</i>	<i>1/2 - 1 NNE</i>	<i>B32</i>	<i>29</i>

STATE ASTM STANDARD

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 3 Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
STANDARD OIL OF CALIFORNIA. EL	324 WEST EL SEGUNDO BOU	1/2 - 1 NNE	B19	25
MIRRA COTE COMPANY INC	140 STANDARD STREET	1/2 - 1 NE	41	65
FAIRCHILD CONTROLS CORPORATION	1800 ROSECRANS	1/2 - 1 SE	E47	67

EXECUTIVE SUMMARY

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 30 CHMIRS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B15	20
Not reported	324 W EL SEGUNDO BLVD	1/2 - 1 NNE	B16	21
Not reported	324 W EL SEGUNDO BLVD	1/2 - 1 NNE	B17	21
Not reported	324 W EL SEGUNDO BLVD	1/2 - 1 NNE	B18	21
Not reported	324 WEST EL SEGUNDO BLV	1/2 - 1 NNE	B20	25
Not reported	324 W. EL SEGUNDO BLVD	1/2 - 1 NNE	B21	26
Not reported	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B22	26
Not reported	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B23	26
Not reported	324 WEST EL SEGUNDO BLV	1/2 - 1 NNE	B24	27
Not reported	324 WEST EL SEGUNDO BLV	1/2 - 1 NNE	B25	27
Not reported	324 W. EL SEGUNDO	1/2 - 1 NNE	B26	27
Not reported	324 WEST EL SEGUNDO BLV	1/2 - 1 NNE	B27	27
Not reported	324 WEST EL SEGUNDO BLV	1/2 - 1 NNE	B28	28
Not reported	324 WEST EL SEGUNDO	1/2 - 1 NNE	B29	28
Not reported	324 WEST EL SEGUNDO BLV	1/2 - 1 NNE	B30	28
Not reported	324 WEST EL SEGUNDO BLV	1/2 - 1 NNE	B31	29
CHEVRON U S A INC	324 W EL SEGUNDO BLVD	1/2 - 1 NNE	B32	29
Not reported	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B33	59
Not reported	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B34	59
Not reported	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B35	59
Not reported	200 E. EL SEGUNDO	1/2 - 1 NE	C36	59
Not reported	200 E. EL SEGUNDO BLVD	1/2 - 1 NE	C37	60
Not reported	200 E. EL SEGUNDO BLVD	1/2 - 1 NE	C38	60
Not reported	200 EAST EL SEGUNDO BLV	1/2 - 1 NE	C39	60
Not reported	302 EAST EL SEGUNDO BLV	1/2 - 1 NE	D42	65
Not reported	324 E EL SEGUNDO BLVD	1/2 - 1 NE	D44	66
Not reported	1700 ROSECRANS	1/2 - 1 SE	E45	67
Not reported	1800 ROSECRANS AVE	1/2 - 1 SE	E46	67
Not reported	121 W. GRAND AVENUE	1/2 - 1 NNE	48	68
Not reported	419 STANDARD STREET	1/2 - 1 NNE	50	69

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 3 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON - EL SEGUNDO REFINERY	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B13	20
MANHATTAN BEACH CITY OF	3621 BELL AVE	1/2 - 1 SE	40	61
CHEVRON USA EL SEGUNDO SPPLY S	302 E EL SEGUNDO BLVD	1/2 - 1 NE	D43	66

EXECUTIVE SUMMARY

NOTIFY 65: Notify 65 records contain facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. The data come from the State Water Resources Control Board's Proposition 65 database.

A review of the Notify 65 list, as provided by EDR, has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON U S A INC	324 W EL SEGUNDO BLVD	1/2 - 1 NNE	B32	29

TOXIC PITS: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, has revealed that there are 2 Toxic Pits sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON, EL SEGUNDO REFINERY	324 W. EL SEGUNDO BLVD.	1/2 - 1 NNE	B14	20

<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
LAWP. SCATTERGOOD GEN. STATION	12700 VISTA DEL MAR	1/2 - 1 NNW	49	68

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

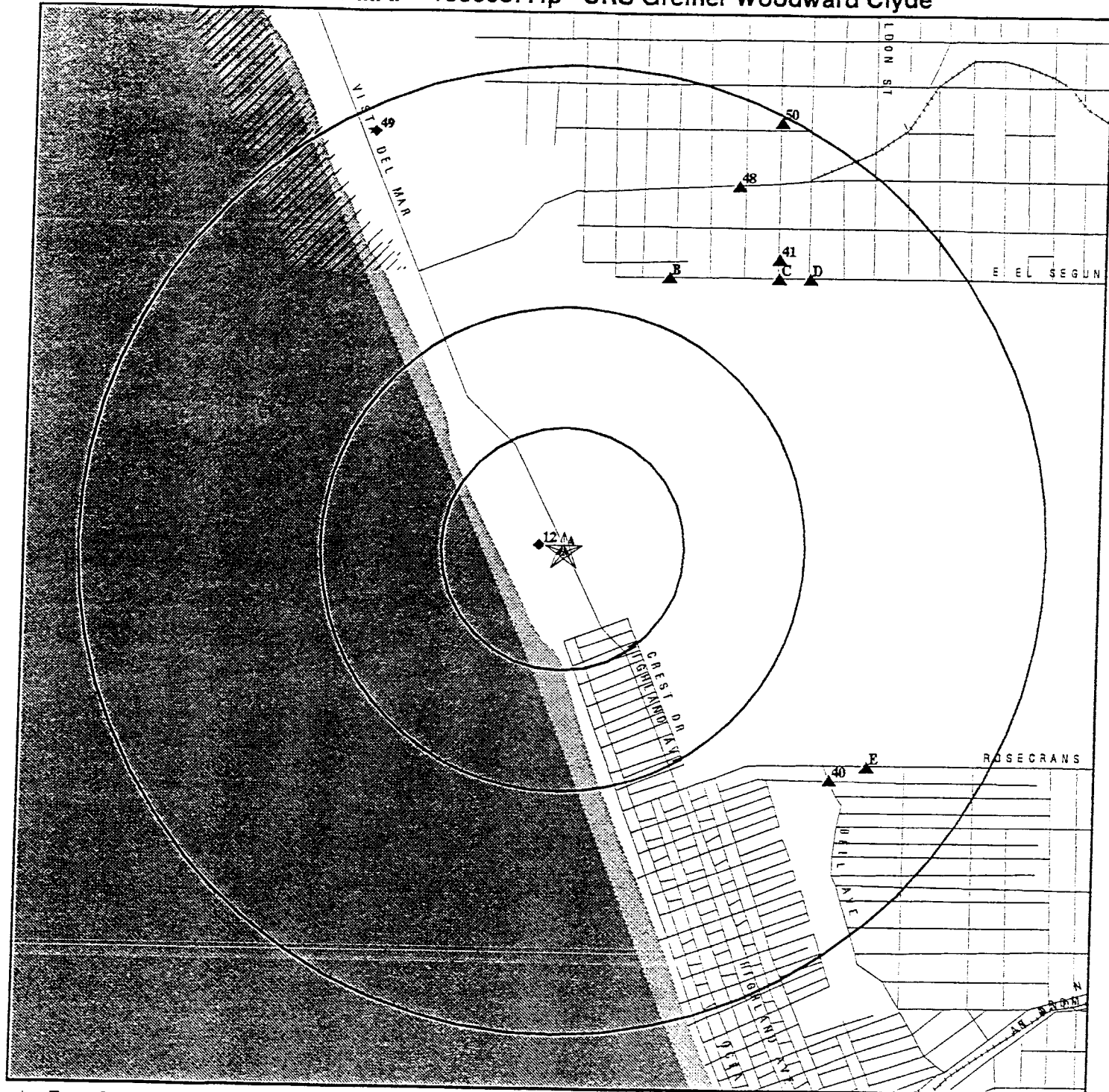
<u>Lower Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
97608	601 VISTA DEL MAR	0 - 1/8 W	12	19

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
CITY OF EL SEGUNDO	Cortese, LUST
DE-BEST MFG CO INC	CERC-NFRAP
MOBIL REFINERY MANHATTAN BEACH	CERC-NFRAP
CHEVRON SS# 9-7608	UST
CHEVRON PRODUCTS COMPANY	UST
CHEVRON SS# 9-7608	UST
EPTC-EL SEGUNDO	HAZNET
CALTRANS DISTRICT 7	HAZNET
MIKE REYNOLDS CHEVRON SERVICE	HAZNET
CHEVRON PRODUCTS COMPANY #97608	HAZNET
CHEVRON - EL SEGUNDO REFINERY	CA SLIC

OVERVIEW MAP - 1556007.4p - URS Greiner Woodward Clyde



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▨ Landfill Sites

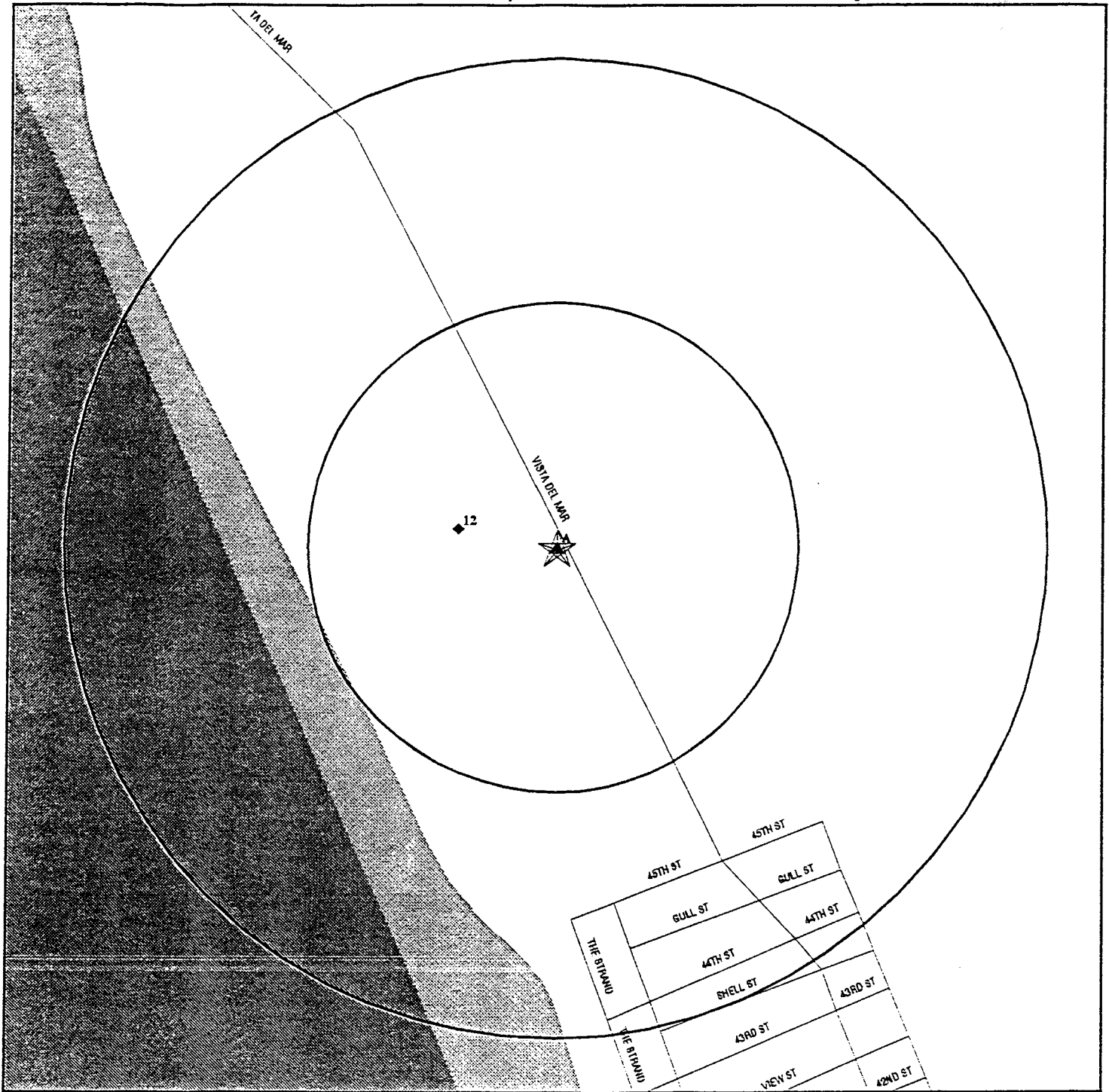
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Wetlands per National Wetlands Inventory

- ▨ Areas of Concern

TARGET PROPERTY: El Segundo Generating Station
 ADDRESS: 301 Vista Del Mar Blvd
 CITY/STATE/ZIP: El Segundo CA 90245
 LAT/LONG: 33.9080 / 118.4213

CUSTOMER: URS Greiner Woodward Clyde
 CONTACT: Chris Logan
 INQUIRY #: 1556007.4p
 DATE: October 25, 2000 10:59 am

DETAIL MAP - 1556007.4p - URS Greiner Woodward Clyde



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites

- ⚡ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Wetlands per National Wetlands Inventory

- ▨ Areas of Concern

TARGET PROPERTY: El Segundo Generating Station
 ADDRESS: 301 Vista Del Mar Blvd
 CITY/STATE/ZIP: El Segundo CA 90245
 LAT/LONG: 33.9080 / 118.4213

CUSTOMER: URS Greiner Woodward Clyde
 CONTACT: Chris Logan
 INQUIRY #: 1556007.4p
 DATE: October 25, 2000 11:00 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	1	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.	X	0.250	0	0	NR	NR	NR	0
ERNS	X	TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	3	NR	3
CHMIRS	X	1.000	0	0	0	30	NR	30
Cortese		1.000	0	0	0	3	NR	3
Notify 65	X	1.000	0	0	0	1	NR	1
Toxic Pits	X	1.000	0	0	0	2	NR	2
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST	X	0.250	1	0	NR	NR	NR	1
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
CA FID		0.250	0	0	NR	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST	X	TP	NR	NR	NR	NR	NR	0
CA WDS	X	TP	NR	NR	NR	NR	NR	0
CA LA LF		0.500	0	0	0	NR	NR	0
CA SLIC	X	0.500	0	0	0	NR	NR	0
HAZNET	X	0.250	0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
HMS	X	TP	NR	NR	NR	NR	NR	0
Site Mitigation		TP	NR	NR	NR	NR	NR	0
AOCONCERN		1.000	0	0	0	0	NR	0

EDR PROPRIETARY DATABASES

Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A4
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA 90245

CHMIRS S100280952
HMS N/A

CHMIRS:

OES Control Number: 9991568 DOT ID: 1993
DOT Hazard Class: Flammable liquid
Chemical Name: DIESEL FUEL
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 1050
Environmental Contamination: Other Property Use: Industrial, Utility
Incident Date: 01-NOV-88 Date Completed: 01-NOV-88

HMS:

File Number: 013377-013720 Facility Type: T0
Permit Number: 00006276T Permit Status: Closed
Facility Status: Closed Area: 2N
Region: Los Angeles County:

A5
Target EL SEGUNDO GENERATING STATION
Property 301 VISTA DEL MAR BLVD
EL SEGUNDO, CA 90245

FINDS 1001217553
RCRIS-LQG CAR000036848
HAZNET
Ca. WDS

RCRIS:

Owner: EL SEGUNDO POWER LLC
(612) 373-5300
Contact: ALEXANDER SANCHEZ
(310) 615-6351
Record Date: 02/27/1998
Classification: Large Quantity Generator, Hazardous Waste Transporter
Used Oil Recyc: Yes
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Permit Compliance System (PCS)

HAZNET:

Gepaid: CAR000036848 Tepad: CAD009007626
Contact: EL SEGUNDO POWER LLC Telephone: (612) 373-5300
Gen County: Los Angeles Tsd County: Los Angeles
Tons: 11.7992
Category: Asbestos-containing waste
Disposal Method: Disposal, Land Fill
Mailing Address: 301 VISTA DEL MAR BLVD SITE B
EL SEGUNDO, CA 90245
County: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

1001217553

Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.0166		
Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.1251		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.2085		
Category:	Unspecified oil-containing waste		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.3585		
Category:	Off-specification, aged, or surplus organics		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	1.575		
Category:	Other organic solids		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	1.375		
Category:	Asbestos-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

1001217553

Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	15.1098		
Category:	Other inorganic solid waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	0.25		
Category:	Other inorganic solid waste		
Disposal Method:	Treatment, Tank		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	4.575		
Category:	Unspecified oil-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT080013352
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	5.9631		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD008302903
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.7923		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD008302903
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	1.1467		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EL SEGUNDO GENERATING STATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

1001217553

Gepaid:	CAR000036848	Tepaid:	CAD008302903
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.1		
Category:	Other organic solids		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD009007626
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	147.49		
Category:	Asbestos-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.175		
Category:	Other inorganic solid waste		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	3.4221		
Category:	Waste oil and mixed oil		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.2085		
Category:	Unspecified oil-containing waste		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.5572		
Category:	Off-specification, aged, or surplus organics		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

EL SEGUNDO GENERATING STATION (Continued)

1001217553

Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	4.2		
Category:	Other organic solids		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.2293		
Category:	Liquids with arsenic > 500 mg/l		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.417		
Category:	Liquids with halogenated organic compounds > 1000 mg/l		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD050806850
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.0208		
Category:	Liquids with pH <UN-> 2		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD982444481
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	San Bernardino
Tons:	3.2109		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD982444481
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	San Bernardino
Tons:	0.75		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B		
	EL SEGUNDO, CA 90245		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

1001217553

Gepaid:	CAR000036848	Tepaid:	CAD982444481
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	San Bernardino
Tons:	1.3761		
Category:	Unspecified organic liquid mixture		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAD984444821
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	0
Tons:	16.856		
Category:	Other organic solids		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000613935
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.2001		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Not reported		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000613935
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.517		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Transfer Station		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	0.15		
Category:	Asbestos-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	5.975		
Category:	Other inorganic solid waste		
Disposal Method:	Not reported		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

1001217553

Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	17.503		
Category:	Other inorganic solid waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	2.3		
Category:	Unspecified oil-containing waste		
Disposal Method:	Not reported		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	7.3		
Category:	Unspecified oil-containing waste		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT000646117
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Kings
Tons:	0.06		
Category:	Other empty containers 30 gallons or more		
Disposal Method:	Not reported		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT080013352
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	19.182		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		
Gepaid:	CAR000036848	Tepaid:	CAT080013352
Contact:	EL SEGUNDO POWER LLC	Telephone:	(612) 373-5300
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	6.1299		
Category:	Oil/water separation sludge		
Disposal Method:	Recycler		
Mailing Address:	301 VISTA DEL MAR BLVD SITE B EL SEGUNDO, CA 90245		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

1001217553

Gepaid: CAR000036848 Tepaid: CAT080013352
Contact: EL SEGUNDO POWER LLC Telephone: (612) 373-5300
Gen County: Los Angeles Tsd County: Los Angeles
Tons: 2.5228
Category: Unspecified oil-containing waste
Disposal Method: Recycler
Mailing Address: 301 VISTA DEL MAR BLVD SITE B
EL SEGUNDO, CA 90245
County: Not reported

Gepaid: CAR000036848 Tepaid: HAEF36009104
Contact: EL SEGUNDO POWER LLC Telephone: (612) 373-5300
Gen County: Los Angeles Tsd County: 0
Tons: 0.3961
Category: Off-specification, aged, or surplus organics
Disposal Method: Transfer Station
Mailing Address: 301 VISTA DEL MAR BLVD SITE B
EL SEGUNDO, CA 90245
County: Not reported

Gepaid: CAR000036848 Tepaid: HAEF36009104
Contact: EL SEGUNDO POWER LLC Telephone: (612) 373-5300
Gen County: Los Angeles Tsd County: 0
Tons: 1.55
Category: Other organic solids
Disposal Method: Transfer Station
Mailing Address: 301 VISTA DEL MAR BLVD SITE B
EL SEGUNDO, CA 90245
County: Not reported

WDS:

Facility ID: Los Angeles River 192111001
Facility Contact: Alex Sanchez Facility Telephone: (310) 615-6351
SIC Code: 4911 SIC Code 2: Not reported
Agency Name: EL SEGUNDO POWER, L.L.C.
Agency Addr: 301 Vista Del Mar
El Segundo, CA 90245
Agency Contact: Audun Aaberg Agency Phone: (310) 615-6342
Design Flow: 606 Million Gal/Day Baseline Flow: 606 Million Gal/Day
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: Private
Waste Type: Process Waste (Waste produced as part of the industrial/manufacturing process) - Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Threat to Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those

Map ID
Direction
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Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

EL SEGUNDO GENERATING STATION (Continued)

1001217553

with toxicwastes) with numerous discharge points. leak detection systems or ground water monitoring wells.

Reclamation: No reclamation requirements associated with this facility.

POTW: The facility is not a POTW.

NPOES Number: CA0001147 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 4

Frequency of Reporting to Regional Board: Monthly Submittal

Resource Conservation and Recovery Act (RCRA) Facility: No

Project Official's Initials: Not reported

A3 SOUTHERN CALIFORNIA EDISON - EL SEGUNDO
Target 301 VISTA
Property EL SEGUNDO, CA 90245

CA SLIC

S102858630
N/A

SLIC Region 4:

Facility Status: Site Assessment

SLIC 710A

Region: 4

Cross Street: Not reported

Substance:

TPH

Staff:

Manjuliika Chakrabarti

A1 301 VISTA DEL MAR
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA

ERNS

8874245
N/A

A2 SOUTHERN CALIFORNIA EDISON
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA 90245

UST

U003714005
N/A

UST Seg Undo:

Facility ID: Not reported

State Id: Not reported

Petroleum: 1

Remove Date: Not reported

Inspection Date: 04/21/1988

Flag: CLOSED

1998: Not reported

Hazardous Subs: 2

Inspected Date: Not reported

Closed Date: 04/21/1988

A6 EL SEGUNDO POWER LLC
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA

UST

U003713922
N/A

UST Seg Undo:

Facility ID: Not reported

State Id: 013720

Petroleum: 0

Remove Date: Not reported

Inspection Date: Not reported

Flag: OPEN

1998: N/A

Hazardous Subs: 1

Inspected Date: Not reported

Closed Date: Not reported

A10 EL SEGUNDO GENERATING STATION
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA 90245

UST

U001562993
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

U001562993

State UST:

Facility ID:	22178	Container Num:	133
Tank Num:	1	Year Installed:	1954
Tank Capacity:	3500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	134
Tank Num:	2	Year Installed:	1963
Tank Capacity:	3500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	135
Tank Num:	3	Year Installed:	1963
Tank Capacity:	1300		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	136
Tank Num:	4	Year Installed:	1954
Tank Capacity:	850		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	137
Tank Num:	5	Year Installed:	1963
Tank Capacity:	950		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

U001562993

Facility ID:	22178	Container Num:	138
Tank Num:	6	Year Installed:	1964
Tank Capacity:	800000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	139
Tank Num:	7	Year Installed:	1964
Tank Capacity:	400000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	140
Tank Num:	8	Year Installed:	1981
Tank Capacity:	5000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	141
Tank Num:	9	Year Installed:	1978
Tank Capacity:	19600		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Facility ID:	22178	Container Num:	142
Tank Num:	10	Year Installed:	1978
Tank Capacity:	8000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

EL SEGUNDO GENERATING STATION (Continued)

U001562993

Facility ID:	22178	Container Num:	143
Tank Num:	11	Year Installed:	1954
Tank Capacity:	5500		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY
Facility ID:	22178	Container Num:	144
Tank Num:	12	Year Installed:	1963
Tank Capacity:	11000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	M. F. CRUZ, ENG. II	Telephone:	(818) 572-1801
Total Tanks:	12	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

A11 SO. CALIF. EDISON
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA 90245

Notify 65

S100178126
N/A

NOTIFY 65:

Date Reported:	Not reported	Staff Initials:	Not reported
Board File Number:	Not reported		
Facility Type:	Not reported		
Discharge Date:	Not reported		
Incident Description:	90245-3650		

A9 EL SEGUNDO PUMP STATION
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA 90245

UST
AST

U001562996
N/A

State UST:

Facility ID:	66310	Container Num:	506
Tank Num:	1	Year Installed:	1984
Tank Capacity:	800		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	2 inches
Leak Detection:	None		
Contact Name:	MARIO A. FAVARO	Telephone:	(818) 302-1478
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY
Facility ID:	66310	Container Num:	375
Tank Num:	2	Year Installed:	1984
Tank Capacity:	360		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	2 inches
Leak Detection:	None		
Contact Name:	MARIO A. FAVARO	Telephone:	(818) 302-1478
Total Tanks:	2	Region:	STATE
Facility Type:	2	Other Type:	ELECTRIC UTILITY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

EL SEGUNDO PUMP STATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

U001562996

AST:

Region: 4
Owner: SOUTHERN CALIFORNIA EDISON CO.
P.O. BOX 800
ROSEMEAD, CA 91770

A7 SCE, EL SEGUNDO GENERATING STA
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA 90245

Toxic Pits

S100925087
N/A

TOXIC PITS:

Region: 04 Task #: 04011
Owner: SOUTHERN CALIFORNIA EDISON
Num. of Pits: 1 1/2 Mi Limit: Yes
Hydro Geological Assessment Report Due: Not Reported
Final Hydro Geological Assessment Review Completed: 05/27/88
Cease Discharge Due: 02/26/95 Cease Discharge Completed: Not reported
Closure Due: Not reported Closure Completed: Not reported
Status: ACTIVE

A8 SO CALIF EDISON EL SEGUNDO GEN STA
Target 301 VISTA DEL MAR
Property EL SEGUNDO, CA 90245

RCRIS-SQG
FINDS

1000167567
CAD000630962

RCRIS:

Owner: SO CALIFORNIA EDISON EPTC
(310) 223-1904

Contact: JOHN SLAYTON
(310) 223-1904

Record Date: 10/20/1998

Classification: Small Quantity Generator

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	2500.00	D002	400.00
D018	400.00	F001	800.00
F002	1300.00	F003	3000.00
F005	1300.00		

Used Oil Recyc: No

Violation Status: Violations exist. high priority violator

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	09/23/1993
Priority of Violation:	High
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	02/03/1995
Regulation Violated:	Not reported
Area of Violation:	TSD-Groundwater Monitoring Requirements
Date Violation Determined:	09/23/1993
Priority of Violation:	High
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	02/03/1995

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

SO CALIF EDISON EL SEGUNDO GEN STA (Continued)

1000167567

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 09/23/1993
Priority of Violation: High
Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: 02/03/1995

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 09/23/1993
Priority of Violation: High
Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: 02/03/1995

Regulation Violated: Not reported
Area of Violation: TSD-Chemical/Physical/Biological Requirements
Date Violation Determined: 09/23/1993
Priority of Violation: High
Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: 02/03/1995

There are 5 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Other Evaluation	Generator-All Requirements	02/03/1995
	TSD-Groundwater Monitoring Requirements	02/03/1995
	TSD-Other Requirements	02/03/1995
	TSD-Other Requirements	02/03/1995
	TSD-Chemical/Physical/Biological Requirements	02/03/1995

12
West
< 1/8
266
Lower

97608
601 VISTA DEL MAR
MANHATTAN BEACH, CA 90266

UST

U001563485
N/A

State UST:

Facility ID: 63013
Tank Num: 1
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Stock Inventor
Contact Name: REYNOLDS.MICHAEL K
Total Tanks: 4
Facility Type: 1

Container Num: 1
Year Installed: Not reported

Tank Constrctn: 0000250 unknown

Telephone: (213) 545-9096
Region: STATE
Other Type: Not reported

Facility ID: 63013
Tank Num: 2
Tank Capacity: 10000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Stock Inventor
Contact Name: REYNOLDS.MICHAEL K
Total Tanks: 4
Facility Type: 1

Container Num: 2
Year Installed: Not reported

Tank Constrctn: 0000250 unknown

Telephone: (213) 545-9096
Region: STATE
Other Type: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

97608 (Continued)

Database(s)

EDR ID Number
EPA ID Number

U001563485

Facility ID:	63013	Container Num:	3
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	1000	Tank Constrctn:	0000250 unknown
Tank Used for:	WASTE	Telephone:	(213) 545-9096
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	REYNOLDS.MICHAEL K		
Total Tanks:	4		
Facility Type:	1		
Facility ID:	63013	Container Num:	4
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	10000	Tank Constrctn:	0000250 unknown
Tank Used for:	PRODUCT	Telephone:	(213) 545-9096
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	REYNOLDS.MICHAEL K		
Total Tanks:	4		
Facility Type:	1		

B13
NNE
1/2-1
3175
Higher

CHEVRON - EL SEGUNDO REFINERY
324 W. EL SEGUNDO BLVD.
EL SEGUNDO, CA 90245

TSCA
Cortese

1000994949
N/A

CORTESE:

Reg By: LTNKA
Reg Id: R-00369
Region: CORTESE

B14
NNE
1/2-1
3175
Higher

CHEVRON, EL SEGUNDO REFINERY
324 W. EL SEGUNDO BLVD.
EL SEGUNDO, CA 90245

Toxic Pits

S100925089
N/A

TOXIC PITS:

Region:	04	Task #:	84004
Owner:	CHEVRON U.S.A., INC.		
Num. of Pits:	17	1/2 Mi Limit:	Yes
Hydro Geological Assessment Report Due: Not Reported			
Final Hydro Geological Assessment Review Completed: Not Reported			
Cease Discharge Due:	03/31/91	Cease Discharge Completed:	03/31/91
Closure Due:	03/31/91	Closure Completed:	08/30/91
Status:	CLOSED		

B15
NNE
1/2-1
3175
Higher

324 W. EL SEGUNDO BLVD.
EL SEGUNDO, CA 90245

CHMIRS

S100215559
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100215559

CHMIRS:

OES Control Number: 9012098 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: FUEL OIL/STEAM (COMBINATION MIXTURE)
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: Air Property Use: Industrial, Utility
Incident Date: 28-JUL-90 Date Completed: 28-JUL-90

B16
NNE
1/2-1
3175
Higher

324 W EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100279061
N/A

CHMIRS:

OES Control Number: 8803160 DOT ID: 1079
DOT Hazard Class: Gases
Chemical Name: SULFUR DIOXIDE
Extent of Release: Not reported
CAS Number: 7446-0905 Quantity Released: Not reported
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 29-SEP-88 Date Completed: 29-SEP-88

B17
NNE
1/2-1
3175
Higher

324 W EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100279129
N/A

CHMIRS:

OES Control Number: 8803160 DOT ID: 1079
DOT Hazard Class: Gases
Chemical Name: SULFUR DIOXIDE
Extent of Release: Not reported
CAS Number: 7446-0905 Quantity Released: Not reported
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 29-SEP-88 Date Completed: 29-SEP-88

B18
NNE
1/2-1
3175
Higher

324 W EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS
WMUDS
HMS
Ca. WDS

S100216350
N/A

WMUDS:

Region: 4
Date of Last Facility Edit: Not reported
Last Facility Editors: Not reported
Waste Discharge System ID: 4B190306001
Solid Waste Information ID: Not reported
Waste Discharge System: True
Solid Waste Assessment Test Program: False
Facility Name: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Databases(s)

EDR ID Number
 EPA ID Number

(Continued)

S100216350

Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act Program:	False
Department of Defense:	False
Open to Public:	False
Number of WMUDS at Facility:	1
Facility Telephone:	(310) 615-5976
Primary Standard Industrial Classification:	2911
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Sub Chapter 15:	True
Reg. Board Project Officer:	Not reported
Section Range:	Not reported
RCRA Facility:	No
Waste Discharge Requirements:	H
Base Meridian:	Not reported
Waste List:	False
Facility Description:	Not reported
Self-Monitoring Rept. Frequency:	Quarterly Summittal
Threat to Water Quality:	Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic imapirment would include nuisance from a waste treatment facility.
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Complexity:	Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Prime Waste:	Solid Wastes - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Agency:	CHEVRON U.S.A. INC.
Address:	P.O. BOX 97 EL SEGUNDO CA 90245
Department:	Not reported
Contact:	WAYNE ISHIMOTO
Telephone:	(310) 615-5976
Type:	Private
Landowner:	Not reported
Address:	Not reported
Telephone:	Not reported
Contact:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S100216350

CHMIRS:

OES Control Number: 8803160 DOT ID: 1079
DOT Hazard Class: Gases
Chemical Name: SULFUR DIOXIDE
Extent of Release: Not reported
CAS Number: 7446-0905 Quantity Released: Not reported
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 29-SEP-88 Date Completed: 29-SEP-88

WDS:

Facility ID: Los Angeles River 192113002
Facility Contact: David W. Reed Facility Telephone (213) 615-5525
SIC Code: 2911 SIC Code 2: Not reported
Agency Name: Chevron U.S.A. Inc.
Agency Addr: 324 W. El Segundo Blvd.
El Segundo, CA 90245
Agency Contact: Lani Marshall Agency Phone: (310) 615-5525
Design Flow: 1 Million Gal/Day Baseline Flow: 1 Million Gal/Day
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: Private
Waste Type: Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type) - Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Threat to Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Aesthetic impairment would include nuisance from a waste treatment facility.
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
NPDES Number: Not reported
Subregion: 4
Frequency of Reporting to Regional Board: Semiannual Submittal
Resource Conservation and Recovery Act (RCRA) Facility: No
Project Official's Initials: Not reported

Facility ID: Los Angeles River 192113001
Facility Contact: Wayne Ishimoto Facility Telephone (310) 615-5976
SIC Code: 2911 SIC Code 2: Not reported
Agency Name: Chevron U.S.A. Inc.
Agency Addr: 324 W. EL SEGUNDO BLVD.
El Segundo, CA 90245
Agency Contact: David G. Yesavage Agency Phone: (310) 615-5000
Design Flow: 9 Million Gal/Day Baseline Flow: 9 Million Gal/Day
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S100216350

mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: Private
Waste Type: Stormwater Runoff - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Threat to Water: Process Waste (Waste produced as part of the industrial/manufacturing process) - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
NPDES Number: CA0000337 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Frequency of Reporting to Regional Board: Monthly Submittal
Resource Conservation and Recovery Act (RCRA) Facility: No
Project Official's Initials: Not reported
Facility ID: Los Angeles River 192113001
Facility Contact: Wayne Ishimoto
SIC Code: 2911
Agency Name: Chevron U.S.A. Inc.
Agency Addr: P.O.Box 97
El Segundo, CA 90245
Agency Contact: David Reed
Design Flow: 28 Million Gal/Day
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
Agency Type: Private
Waste Type: Stormwater Runoff - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Process Waste (Waste produced as part of the industrial/manufacturing process) - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Threat to Water: 0
Complexity: Not reported
Reclamation: No reclamation requirements associated with this facility.
POTW: The facility is not a POTW.
NPDES Number: Not reported
Subregion: 4

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100216350

Frequency of Reporting to Regional Board: Monthly Submittal
Resource Conservation and Recovery Act (RCRA) Facility: Yes
Project Official's Initials: Not reported

HMS:

File Number: 000367-009149 Facility Type: T0
Permit Number: 00000127T Permit Status: Closed
Facility Status: Closed Area: 2N
Region: Los Angeles County:

File Number: 000367-000369 Facility Type: T0
Permit Number: 00000326T Permit Status: Closed
Facility Status: Closed Area: 2N
Region: Los Angeles County:

B19
NNE
1/2-1
3175
Higher

STANDARD OIL OF CALIFORNIA, EL SEGUNDO
324 WEST EL SEGUNDO BOULEVARD
EL SEGUNDO, CA 90245

Cal-Sites

S100185029
N/A

CAL-SITES:

Facility ID: 19290197
Status: REFR - DOES NOT REQUIRE DTSC ACTION. REFERRED TO RESOURCE CONSERVATION
AND RECOVERY ACT (RCRA) LEAD
Status Date: 05/02/1989
Lead: Not reported
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RCRA
Lead Agency: N/A
NPL: Not reported
SIC: 29 MANU - PETROLEUM & COAL PRODUCTS
Facility Type: Not reported
Type Name: N/A
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/Long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

B20
NNE
1/2-1
3175
Higher

324 WEST EL SEGUNDO BLVD.
EL SEGUNDO, CA 90245

CHMIRS

S100276781
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

(Continued)

S100276781

CHMIRS:

OES Control Number: 9100501 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: LIQUIFIED PETROLEUM GAS
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 03-JUN-91 Date Completed: 03-JUN-91

B21
NNE
1/2-1
3175
Higher

324 W. EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100219719
N/A

CHMIRS:

OES Control Number: 9010316 DOT ID: 1005
DOT Hazard Class: Poisonous and etiologic (infectious) material
Chemical Name: ammonia, anhydrous
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 100
Environmental Contamination: Air Property Use: Petroleum Refinery
Incident Date: 13-APR-90 Date Completed: 13-APR-90

B22
NNE
1/2-1
3175
Higher

324 W. EL SEGUNDO BLVD.
EL SEGUNDO, CA 90245

CHMIRS

S100278672
N/A

CHMIRS:

OES Control Number: 9012098 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: FUEL OIL/STEAM (COMBINATION MIXTURE)
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: Air Property Use: Industrial, Utility
Incident Date: 28-JUL-90 Date Completed: 28-JUL-90

B23
NNE
1/2-1
3175
Higher

324 W. EL SEGUNDO BLVD.
EL SEGUNDO, CA 90245

CHMIRS

S100275692
N/A

CHMIRS:

OES Control Number: 9012098 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: FUEL OIL/STEAM (COMBINATION MIXTURE)
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: Air Property Use: Industrial, Utility
Incident Date: 28-JUL-90 Date Completed: 28-JUL-90

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
B24 NNE 1/2-1 3175 Higher	324 WEST EL SEGUNDO BLVD. EL SEGUNDO, CA 90245	CHMIRS	S100280267 N/A
CHMIRS: OES Control Number: 9100501 DOT ID: Not reported DOT Hazard Class: Not Reported Chemical Name: LIQUIFIED PETROLEUM GAS Extent of Release: Not reported CAS Number: Not reported Quantity Released: 0 Environmental Contamination: None Reported Property Use: Petroleum Refinery Incident Date: 03-JUN-91 Date Completed: 03-JUN-91			
B25 NNE 1/2-1 3175 Higher	324 WEST EL SEGUNDO BLVD. EL SEGUNDO, CA 90245	CHMIRS	S100280417 N/A
CHMIRS: OES Control Number: 9100501 DOT ID: Not reported DOT Hazard Class: Not Reported Chemical Name: LIQUIFIED PETROLEUM GAS Extent of Release: Not reported CAS Number: Not reported Quantity Released: 0 Environmental Contamination: None Reported Property Use: Petroleum Refinery Incident Date: 03-JUN-91 Date Completed: 03-JUN-91			
B26 NNE 1/2-1 3175 Higher	324 W. EL SEGUNDO EL SEGUNDO, CA 90245	CHMIRS	S100279864 N/A
CHMIRS: OES Control Number: 9011817 DOT ID: 1011 DOT Hazard Class: Gases Chemical Name: BUTANE Extent of Release: Not reported CAS Number: Not reported Quantity Released: 0 Environmental Contamination: Air Property Use: Petroleum Refinery Incident Date: 13-JUL-90 Date Completed: 13-JUL-90			
B27 NNE 1/2-1 3175 Higher	324 WEST EL SEGUNDO BLVD. EL SEGUNDO, CA 90245	CHMIRS	S100280397 N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Databases(s)
EDR ID Number
EPA ID Number

(Continued)

S100280397

CHMIRS:

OES Control Number: 9100501 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: LIQUIFIED PETROLEUM GAS
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 03-JUN-91 Date Completed: 03-JUN-91

B28
NNE
1/2-1
3175
Higher

324 WEST EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100280408
N/A

CHMIRS:

OES Control Number: 9118587 DOT ID: 1053
DOT Hazard Class: Gases
Chemical Name: HYDROGEN SULFIDE (SOUR WATER)
Extent of Release: Not reported
CAS Number: 17783-06-4 Quantity Released: 0
Environmental Contamination: Air Property Use: Petroleum Refinery
Incident Date: 19-AUG-91 Date Completed: 19-AUG-91

B29
NNE
1/2-1
3175
Higher

324 WEST EL SEGUNDO
EL SEGUNDO, CA 90245

CHMIRS

S100276831
N/A

CHMIRS:

OES Control Number: 9100566 DOT ID: 1978
DOT Hazard Class: Gases
Chemical Name: PROPANE
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 07-JUN-91 Date Completed: 07-JUN-91

B30
NNE
1/2-1
3175
Higher

324 WEST EL SEGUNDO BLVD.
EL SEGUNDO, CA 90245

CHMIRS

S100280374
N/A

CHMIRS:

OES Control Number: 9100501 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: LIQUIFIED PETROLEUM GAS
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 03-JUN-91 Date Completed: 03-JUN-91

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B31
NNE
1/2-1
3175
Higher

324 WEST EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100280391
N/A

CHMIRS:

OES Control Number: 9118587 DOT ID: 1053
DOT Hazard Class: Gases
Chemical Name: HYDROGEN SULFIDE (SOUR WATER)
Extent of Release: Not reported
CAS Number: 17783-06-4 Quantity Released: 0
Environmental Contamination: Air Property Use: Petroleum Refinery
Incident Date: 19-AUG-91 Date Completed: 19-AUG-91

B32
NNE
1/2-1
3175
Higher

CHEVRON U S A INC
324 W EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

FINDS
RCRIS-LQG
TRIS
RCRIS-TSD
RAATS
TSCA
CORRACTS
CERC-NFRAP
UST
CHMIRS
Notify 65
WMUDS
HMS

1000434347
CAD008336901

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported
Ownership Status: Unknown

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY
Assessment: PRELIMINARY ASSESSMENT
Assessment: RCRA FACILITY ASSESSMENT
Assessment: PRELIMINARY ASSESSMENT
Assessment: PRELIMINARY ASSESSMENT
Assessment: PRELIMINARY ASSESSMENT

Completed: 19800301
Completed: 19850201
Completed: 19880415
Completed: 19881123
Completed: 19900919
Completed: 19910108

CERCLIS-NFRAP Alias Name(s):

EL SEGUNDO REF

CORRACTS Data:

Prioritization: High
Status: RFI Imposition. RFI Workplan Approved. RCRA Facility Investigation
Approved. Stabilization Measures Evaluation. CMS Workplan Approved.
Stabilization Measures Implemented. Stabilization Construction
Completed

RCRIS Corrective Action Summary:

Effective Date: 05/23/1988
Legal Authority: Other, specified by Legal Authority Citation
Effective Date: 12/14/1990
Legal Authority: RCRA 3008(h) or equivalent
Effective Date: 08/29/1995
Legal Authority: Other, specified by Legal Authority Citation

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

RCRIS:

Owner: HEVRON U S A INC
(415) 894-7700

Contact: N R LEROY
(213) 615-5000

Record Date: 09/01/1996

Classification: Large Quantity Generator, Hazardous Waste Transporter

BIENNIAL REPORTS:

Last Biennial Reporting Year: 1997

<u>Waste</u>	<u>Quantity (Lbs)</u>	<u>Waste</u>	<u>Quantity (Lbs)</u>
D001	16400.00	D002	210258.22
D003	91200.00	D004	1192200.00
D006	16400.00	D007	30800.00
D008	68800.00	D009	16400.00
D010	43600.00	D018	1647200.00
D043	31600.00	F001	600.00
F002	600.00	F037	173000.00
F038	173000.00	K048	173000.00
K049	173000.00	K050	173000.00
U210	600.00		

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	TSD-Land Ban Requirements
Date Violation Determined:	03/15/1990
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	11/14/1992

Enforcement Action:	Written Informal
Enforcement Action Date:	05/09/1990
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

Regulation Violated:	Not reported
Area of Violation:	Generator-Land Ban Requirements
Date Violation Determined:	03/15/1990
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	11/14/1992

Enforcement Action:	Written Informal
Enforcement Action Date:	05/09/1990
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	03/15/1990
Priority of Violation:	High
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	11/14/1992

Enforcement Action:	Written Informal
Enforcement Action Date:	05/09/1990

Map ID
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MAP FINDINGS

Databases(s)

EDR ID Number
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CHEVRON U S A INC (Continued)

1000434347

Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Financial Responsibility Requirements
Date Violation Determined:	03/15/1990
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	11/14/1992
Enforcement Action:	Written Informal
Enforcement Action Date:	05/09/1990
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Closure/Post Closure Requirements
Date Violation Determined:	03/15/1990
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	11/14/1992
Enforcement Action:	Written Informal
Enforcement Action Date:	05/09/1990
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Groundwater Monitoring Requirements
Date Violation Determined:	11/13/1998
Priority of Violation:	High
Schedule Date to Achieve Compliance:	01/13/1999
Actual Date Achieved Compliance:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	09/21/1994
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	01/20/1995
Enforcement Action:	Written Informal
Enforcement Action Date:	09/21/1994
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	09/21/1994
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	01/20/1995
Enforcement Action:	Written Informal
Enforcement Action Date:	09/21/1994
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	09/21/1994
Priority of Violation:	Low

Map ID
Direction
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Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

CHEVRON U S A INC (Continued)

1000434347

Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: 01/20/1995

Enforcement Action: Written Informal
Enforcement Action Date: 09/21/1994
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 05/20/1993
Priority of Violation: Low
Schedule Date to Achieve Compliance: 06/19/1993
Actual Date Achieved Compliance: 06/18/1993

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 05/20/1993
Priority of Violation: Low
Schedule Date to Achieve Compliance: 06/19/1993
Actual Date Achieved Compliance: 06/18/1993

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 05/20/1993
Priority of Violation: Low
Schedule Date to Achieve Compliance: 06/19/1993
Actual Date Achieved Compliance: 06/18/1993

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 05/20/1993
Priority of Violation: Low
Schedule Date to Achieve Compliance: 06/19/1993
Actual Date Achieved Compliance: 06/18/1993

Regulation Violated: Not reported
Area of Violation: TSD-Financial Responsibility Requirements
Date Violation Determined: 04/13/1993
Priority of Violation: Low
Schedule Date to Achieve Compliance: 04/30/1993
Actual Date Achieved Compliance: 04/23/1993

Enforcement Action: Verbal Informal
Enforcement Action Date: 04/15/1993
Proposed Monetary Penalty: Not reported
Final Monetary Penalty: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-Financial Responsibility Requirements
Date Violation Determined: 09/30/1992
Priority of Violation: Low
Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: 03/30/1993

Regulation Violated: Not reported
Area of Violation: TSD-Other Requirements
Date Violation Determined: 10/29/1990
Priority of Violation: High
Schedule Date to Achieve Compliance: Not reported
Actual Date Achieved Compliance: 06/18/1992

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Enforcement Action:	Written Informal
Enforcement Action Date:	12/07/1990
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	10/29/1990
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	06/18/1992
Enforcement Action:	Written Informal
Enforcement Action Date:	12/07/1990
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Financial Responsibility Requirements
Date Violation Determined:	06/21/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	09/22/1988
Enforcement Action:	Written Informal
Enforcement Action Date:	08/22/1988
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	TSD-Other Requirements
Date Violation Determined:	01/12/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	03/03/1988
Actual Date Achieved Compliance:	02/04/1988
Enforcement Action:	Written Informal
Enforcement Action Date:	01/25/1988
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported

Map ID
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Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
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1000434347

There are 19 violation record(s) reported at this site:

<u>Evaluation</u>	<u>Area of Violation</u>	<u>Date of Compliance</u>
Compliance Groundwater Monitoring Evaluation (CME)	TSD-Groundwater Monitoring Requirements	
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	01/20/1995
	TSD-Other Requirements	01/20/1995
	TSD-Other Requirements	01/20/1995
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	04/23/1993
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/18/1993
	TSD-Other Requirements	06/18/1993
	TSD-Other Requirements	06/18/1993
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	03/30/1993
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	06/18/1992
	TSD-Other Requirements	06/18/1992
Compliance Evaluation Inspection (CEI)	TSD-Land Ban Requirements	11/14/1992
	Generator-Land Ban Requirements	11/14/1992
	TSD-Other Requirements	11/14/1992
	TSD-Financial Responsibility Requirements	11/14/1992
	TSD-Closure/Post Closure Requirements	11/14/1992
Financial Record Review (FRR)	TSD-Financial Responsibility Requirements	09/22/1988
Compliance Evaluation Inspection (CEI)	TSD-Other Requirements	02/04/1988

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)
Enforcement Docket System (DOCKET)
National Compliance Database (NCDB)
Permit Compliance System (PCS)
Section Seven Tracking System (SSTS)

WMUDS:

Region:	4
Date of Last Facility Edit:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System ID:	48192113001
Solid Waste Information ID:	Not reported
Waste Discharge System:	True
Solid Waste Assessment Test Program:	False
Facility Name:	Not reported
Toxic Pits Cleanup Act Program:	True
Resource Conservation Recovery Act Program:	True
Department of Defense:	False
Open to Public:	False
Number of WMUDS at Facility:	1
Facility Telephone:	(310) 615-5973
Primary Standard Industrial Classification:	2911
Secondary Standard Industrial Classification:	Not reported
Solid Waste Assessment Test Program Name:	Not reported
NPID:	CAC000337
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Sub Chapter 15:	False
Reg. Board Project Officer:	Not reported

Map ID
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MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

Section Range: Not reported
RCRA Facility: No
Waste Discharge Requirements: A
Base Meridian: Not reported
Waste List: False
Facility Description: Not reported
Self-Monitoring Rept. Frequency: Monthly Summittal
Threat to Water Quality:
Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.
Prime Waste: Stormwater Runoff - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
2nd Waste Type: Process Waste (Waste produced as part of the industrial/manufacturing process) - Hazardous/Influent or Solid Wastes that contain toxic, corrosive, ignitable or reactive substances and must be managed according to applicable DOHS standards.
Agency: CHEVRON U.S.A. INC.
Address: 324 W. EL SEGUNDO BLVD.
EL SEGUNDO CA 90245
Department: Not reported
Contact: DAVID W. REED
Telephone: (310) 615-5000
Type: Private
Landowner: Not reported
Address: Not reported
Telephone: Not reported
Contact: Not reported

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Incident Description: 90245-3641

Map ID
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MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

CHMIRS:

OES Control Number:	9009808	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	HYDROGEN SULFIDE		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	Not reported
Environmental Contamination:	None Reported	Property Use:	Petroleum Refinery
Incident Date:	19-JAN-90	Date Completed:	21-JAN-90

OES Control Number:	9010159	DOT ID:	Not reported
DOT Hazard Class:	Not Reported		
Chemical Name:	MERCAPTAN		
Extent of Release:	Not reported		
CAS Number:	Not reported	Quantity Released:	0
Environmental Contamination:	None Reported	Property Use:	Petroleum Refinery
Incident Date:	19-MAR-90	Date Completed:	19-MAR-90

HMS:

File Number:	010543-010476	Facility Type:	T0
Permit Number:	00001926T	Permit Status:	Closed
Facility Status:	Closed	Area:	2N
Region:	Los Angeles County:		

State UST:

Facility ID:	17479	Container Num:	D-1
Tank Num:	1	Year Installed:	1984
Tank Capacity:	25000		
Tank Used for:	WASTE	Tank Constrctn:	4 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		

Facility ID:	17479	Container Num:	D-231
Tank Num:	2	Year Installed:	1968
Tank Capacity:	1800		
Tank Used for:	PRODUCT	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		

Facility ID:	17479	Container Num:	D-235
Tank Num:	3	Year Installed:	1968
Tank Capacity:	3150		
Tank Used for:	PRODUCT	Tank Constrctn:	7 1/2 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		

Map ID
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MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 4
Tank Capacity: 3150
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-335
Year Installed: 1968
Tank Constrctn: 7 1/2 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 5
Tank Capacity: 400
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-491
Year Installed: 1968
Tank Constrctn: 7 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 6
Tank Capacity: 230
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-695
Year Installed: 1968
Tank Constrctn: 7 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 7
Tank Capacity: 1860
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-888
Year Installed: 1968
Tank Constrctn: 5/16 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 8
Tank Capacity: 120
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-2402
Year Installed: 1968
Tank Constrctn: 5 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
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Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 9
Tank Capacity: 900
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-2
Year Installed: 1970

Tank Constrctn: 7 inches

Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 10
Tank Capacity: 900
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-3
Year Installed: 1954

Tank Constrctn: 12 inches

Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 11
Tank Capacity: 900
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-4
Year Installed: 1954

Tank Constrctn: 1222 inches

Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 12
Tank Capacity: 900
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-5
Year Installed: 1954

Tank Constrctn: 12 inches

Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 13
Tank Capacity: 4200000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-65
Year Installed: 1976

Tank Constrctn: Not reported

Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
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Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

Facility ID:	17479	Container Num:	D-1383
Tank Num:	14	Year Installed:	1974
Tank Capacity:	3096		
Tank Used for:	PRODUCT	Tank Constrctn:	12 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	D-1864
Tank Num:	15	Year Installed:	1974
Tank Capacity:	3096		
Tank Used for:	PRODUCT	Tank Constrctn:	12 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	D-6
Tank Num:	16	Year Installed:	1938
Tank Capacity:	42		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	D-7
Tank Num:	17	Year Installed:	1938
Tank Capacity:	42		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	D-8
Tank Num:	18	Year Installed:	1938
Tank Capacity:	42		
Tank Used for:	WASTE	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		

Map ID
Direction
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Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID:	17479	Container Num:	D-10
Tank Num:	19	Year Installed:	1938
Tank Capacity:	42		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-50
Tank Num:	20	Year Installed:	1972
Tank Capacity:	8500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	8 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	T-101
Tank Num:	21	Year Installed:	1972
Tank Capacity:	26000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	1022 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	T-201
Tank Num:	22	Year Installed:	1972
Tank Capacity:	26000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	1022 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	T-301
Tank Num:	23	Year Installed:	1972
Tank Capacity:	26000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	10 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

CHEVRON U S A INC (Continued)

1000434347

Facility ID:	17479	Container Num:	D-406
Tank Num:	24	Year Installed:	1972
Tank Capacity:	4400		
Tank Used for:	WASTE	Tank Constrctn:	8 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	D-570
Tank Num:	25	Year Installed:	1972
Tank Capacity:	3240		
Tank Used for:	WASTE	Tank Constrctn:	12 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	T-585
Tank Num:	26	Year Installed:	1968
Tank Capacity:	7100		
Tank Used for:	WASTE	Tank Constrctn:	8 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	T-590
Tank Num:	27	Year Installed:	1968
Tank Capacity:	2670000		
Tank Used for:	PRODUCT	Tank Constrctn:	24 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		
Facility ID:	17479	Container Num:	D-680
Tank Num:	28	Year Installed:	1972
Tank Capacity:	4300		
Tank Used for:	WASTE	Tank Constrctn:	10 inches
Type of Fuel:	Not Reported		
Leak Detection:	Visual	Telephone:	(213) 615-5000
Contact Name:	C. P. MEHLUM	Region:	STATE
Total Tanks:	113	Other Type:	PETROLEUM REFINERY
Facility Type:	2		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 29
Tank Capacity: 1100
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-681
Year installed: 1972
Tank Constrctn: 10 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 30
Tank Capacity: 250
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-693
Year installed: 1980
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 31
Tank Capacity: 49000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: T-701
Year installed: 1974
Tank Constrctn: 15 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 32
Tank Capacity: 380000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-9
Year installed: 1952
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 33
Tank Capacity: 615000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-11
Year installed: 1953
Tank Constrctn: 8 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Databases(s)

1000434347

Facility ID: 17479
Tank Num: 34
Tank Capacity: 250000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-13
Year Installed: 1961
Tank Constrctn: 8 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 35
Tank Capacity: 215000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-14
Year Installed: 1958
Tank Constrctn: 7 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 36
Tank Capacity: 900000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: T-700
Year Installed: 1976
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 37
Tank Capacity: 150000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-15
Year Installed: 1942
Tank Constrctn: 7 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 38
Tank Capacity: 20000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-16
Year Installed: 1949
Tank Constrctn: 7 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

Facility ID: 17479
Tank Num: 39
Tank Capacity: 96000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-17
Year Installed: 1942
Tank Constrctn: 9 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 40
Tank Capacity: 47000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-18
Year installed: 1949
Tank Constrctn: 9 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 41
Tank Capacity: 100
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-19
Year Installed: 1943
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 42
Tank Capacity: 100
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-20
Year installed: 1953
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 43
Tank Capacity: 628
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-21
Year Installed: 1959
Tank Constrctn: 4 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

Facility ID:	17479	Container Num:	D-82
Tank Num:	44	Year Installed:	1981
Tank Capacity:	1600		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-83
Tank Num:	45	Year Installed:	1981
Tank Capacity:	1600		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-84
Tank Num:	46	Year Installed:	1981
Tank Capacity:	60		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-85
Tank Num:	47	Year Installed:	1981
Tank Capacity:	1600		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-145
Tank Num:	48	Year Installed:	1966
Tank Capacity:	5		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	8 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 49
Tank Capacity: 855
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-203
Year Installed: 1952
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 50
Tank Capacity: 3500
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-303
Year Installed: 1954
Tank Constrctn: 621 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 51
Tank Capacity: 39000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: DG-1
Year Installed: 1967
Tank Constrctn: 8 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 52
Tank Capacity: 2050000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-22
Year Installed: 1923
Tank Constrctn: 12 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 53
Tank Capacity: 50000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-23
Year Installed: 1968
Tank Constrctn: 12 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

Facility ID:	17479	Container Num:	D-30
Tank Num:	54	Year Installed:	1946
Tank Capacity:	500		
Tank Used for:	PRODUCT	Tank Constrctn:	6 inches
Type of Fuel:	Not Reported	Telephone:	(213) 615-5000
Leak Detection:	Visual	Region:	STATE
Contact Name:	C. P. MEHLUM	Other Type:	PETROLEUM REFINERY
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-24
Tank Num:	55	Year Installed:	1943
Tank Capacity:	240000		
Tank Used for:	WASTE	Tank Constrctn:	14 inches
Type of Fuel:	Not Reported	Telephone:	(213) 615-5000
Leak Detection:	Visual	Region:	STATE
Contact Name:	C. P. MEHLUM	Other Type:	PETROLEUM REFINERY
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-25
Tank Num:	56	Year Installed:	1977
Tank Capacity:	2060		
Tank Used for:	WASTE	Tank Constrctn:	8 inches
Type of Fuel:	Not Reported	Telephone:	(213) 615-5000
Leak Detection:	Visual	Region:	STATE
Contact Name:	C. P. MEHLUM	Other Type:	PETROLEUM REFINERY
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-26
Tank Num:	57	Year Installed:	1977
Tank Capacity:	12000		
Tank Used for:	WASTE	Tank Constrctn:	10 inches
Type of Fuel:	Not Reported	Telephone:	(213) 615-5000
Leak Detection:	Visual	Region:	STATE
Contact Name:	C. P. MEHLUM	Other Type:	PETROLEUM REFINERY
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-27
Tank Num:	58	Year Installed:	1982
Tank Capacity:	105000		
Tank Used for:	WASTE	Tank Constrctn:	Not reported
Type of Fuel:	Not Reported	Telephone:	(213) 615-5000
Leak Detection:	GW Monitoring Well	Region:	STATE
Contact Name:	C. P. MEHLUM	Other Type:	PETROLEUM REFINERY
Total Tanks:	113		
Facility Type:	2		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID:	17479	Container Num:	D-28
Tank Num:	59	Year Installed:	1982
Tank Capacity:	105000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrcn:	Not reported
Leak Detection:	GW Monitoring Well		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-29
Tank Num:	60	Year Installed:	1971
Tank Capacity:	15000		
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Constrcn:	Not reported
Leak Detection:	Stock Inventor		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-52
Tank Num:	61	Year Installed:	1982
Tank Capacity:	17000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrcn:	9 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-53
Tank Num:	62	Year Installed:	1982
Tank Capacity:	17000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrcn:	9 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-54
Tank Num:	63	Year Installed:	1982
Tank Capacity:	17000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrcn:	9 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID:	17479	Container Num:	D-55
Tank Num:	64	Year Installed:	1982
Tank Capacity:	17000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	9 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-58
Tank Num:	65	Year Installed:	1982
Tank Capacity:	11000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-59
Tank Num:	66	Year Installed:	1982
Tank Capacity:	28000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	T-108A
Tank Num:	67	Year Installed:	1974
Tank Capacity:	650		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	8 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	T-108B
Tank Num:	68	Year Installed:	1974
Tank Capacity:	650		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	22 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 69
Tank Capacity: 27500
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: T-2530
Year Installed: 1974
Tank Constrctn: 12 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 70
Tank Capacity: 9000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-400
Year Installed: 1943
Tank Constrctn: 10 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 71
Tank Capacity: 12000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-400A
Year Installed: 1974
Tank Constrctn: 14 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 72
Tank Capacity: 1500000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: T-500
Year Installed: 1976
Tank Constrctn: 8 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 73
Tank Capacity: 4800
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-30A
Year Installed: 1946
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 74
Tank Capacity: 3100
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-505
Year Installed: 1976
Tank Constrctn: 8 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 75
Tank Capacity: 900000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: T-600
Year Installed: 1976
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 76
Tank Capacity: 500
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-31
Year Installed: 1946
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 77
Tank Capacity: 500
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-32
Year Installed: 1946
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 78
Tank Capacity: 500
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-33
Year Installed: 1946
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 79
Tank Capacity: 2100
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-34
Year Installed: 1965
Tank Constrctn: 622 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 80
Tank Capacity: 200
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-35
Year Installed: 1978
Tank Constrctn: 622 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 81
Tank Capacity: 600
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-36
Year Installed: 1982
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 82
Tank Capacity: 2800
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual, None
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-36A
Year Installed: 1981
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 83
Tank Capacity: 1000
Tank Used for: PRODUCT
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2

Container Num: D-36B
Year Installed: 1974
Tank Constrctn: 6 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)

EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID:	17479	Container Num:	D-37
Tank Num:	84	Year Installed:	1926
Tank Capacity:	12600000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	9 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-38
Tank Num:	85	Year Installed:	1926
Tank Capacity:	325000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-39
Tank Num:	86	Year Installed:	1926
Tank Capacity:	160000		
Tank Used for:	WASTE		
Type of Fuel:	Not Reported	Tank Constrctn:	Not reported
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-40
Tank Num:	87	Year Installed:	1956
Tank Capacity:	200		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-41
Tank Num:	88	Year Installed:	1982
Tank Capacity:	971		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	.25 inches
Leak Detection:	None		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID:	17479	Container Num:	D-42
Tank Num:	89	Year Installed:	1946
Tank Capacity:	700		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-43
Tank Num:	90	Year Installed:	1961
Tank Capacity:	27000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-44
Tank Num:	91	Year Installed:	1974
Tank Capacity:	3500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-45
Tank Num:	92	Year Installed:	1984
Tank Capacity:	2100		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-108
Tank Num:	93	Year Installed:	1982
Tank Capacity:	60		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

Facility ID:	17479	Container Num:	D-286
Tank Num:	94	Year Installed:	1983
Tank Capacity:	3000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-290
Tank Num:	95	Year Installed:	1981
Tank Capacity:	180		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	4 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-291
Tank Num:	96	Year Installed:	1981
Tank Capacity:	2500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-291A
Tank Num:	97	Year Installed:	1981
Tank Capacity:	800		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-293
Tank Num:	98	Year Installed:	1981
Tank Capacity:	2000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrctn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

CHEVRON U S A INC (Continued)

1000434347

Facility ID:	17479	Container Num:	D-294
Tank Num:	99	Year Installed:	1984
Tank Capacity:	1000		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrcn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-295
Tank Num:	100	Year Installed:	1956
Tank Capacity:	500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrcn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-296
Tank Num:	101	Year Installed:	1956
Tank Capacity:	500		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrcn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	D-474
Tank Num:	102	Year Installed:	1983
Tank Capacity:	180		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrcn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY
Facility ID:	17479	Container Num:	T-927
Tank Num:	103	Year Installed:	1973
Tank Capacity:	650		
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Constrcn:	6 inches
Leak Detection:	Visual		
Contact Name:	C. P. MEHLUM	Telephone:	(213) 615-5000
Total Tanks:	113	Region:	STATE
Facility Type:	2	Other Type:	PETROLEUM REFINERY

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

CHEVRON U S A INC (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000434347

Facility ID:	17479	Container Num:	D-988
Tank Num:	104	Year Installed:	1981
Tank Capacity:	1300	Tank Constrctn:	6 inches
Tank Used for:	PRODUCT	Telephone:	(213) 615-5000
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	Visual	Other Type:	PETROLEUM REFINERY
Contact Name:	C. P. MEHLUM		
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-998
Tank Num:	105	Year Installed:	1957
Tank Capacity:	1000	Tank Constrctn:	6 inches
Tank Used for:	PRODUCT	Telephone:	(213) 615-5000
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	Visual	Other Type:	PETROLEUM REFINERY
Contact Name:	C. P. MEHLUM		
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-9453
Tank Num:	106	Year Installed:	1979
Tank Capacity:	8700	Tank Constrctn:	6 inches
Tank Used for:	WASTE	Telephone:	(213) 615-5000
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	None	Other Type:	PETROLEUM REFINERY
Contact Name:	C. P. MEHLUM		
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-51
Tank Num:	107	Year Installed:	1977
Tank Capacity:	734	Tank Constrctn:	622 inches
Tank Used for:	WASTE	Telephone:	(213) 615-5000
Type of Fuel:	Not Reported	Region:	STATE
Leak Detection:	None	Other Type:	PETROLEUM REFINERY
Contact Name:	C. P. MEHLUM		
Total Tanks:	113		
Facility Type:	2		
Facility ID:	17479	Container Num:	D-56
Tank Num:	108	Year Installed:	1980
Tank Capacity:	2000	Tank Constrctn:	1/4 inches
Tank Used for:	PRODUCT	Telephone:	(213) 615-5000
Type of Fuel:	DIESEL	Region:	STATE
Leak Detection:	Stock Inventor	Other Type:	PETROLEUM REFINERY
Contact Name:	C. P. MEHLUM		
Total Tanks:	113		
Facility Type:	2		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

CHEVRON U S A INC (Continued)

1000434347

Facility ID: 17479
Tank Num: 109
Tank Capacity: 8400
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-60
Year Installed: 1954
Tank Constrctn: 1/2 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 110
Tank Capacity: 6000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-61
Year Installed: 1954
Tank Constrctn: 1/2 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 111
Tank Capacity: 6000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-62
Year Installed: 1954
Tank Constrctn: 1/2 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 112
Tank Capacity: 13000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-63
Year Installed: 1954
Tank Constrctn: 1/2 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

Facility ID: 17479
Tank Num: 113
Tank Capacity: 11000
Tank Used for: WASTE
Type of Fuel: Not Reported
Leak Detection: Visual
Contact Name: C. P. MEHLUM
Total Tanks: 113
Facility Type: 2
Container Num: D-64
Year Installed: 1954
Tank Constrctn: 622 inches
Telephone: (213) 615-5000
Region: STATE
Other Type: PETROLEUM REFINERY

UST Seg Undo:

Facility ID: Not reported
State Id: 000369
Petroleum: 33
Remove Date: 12/01/1998
Inspection Date: Not reported
Flag: OPEN
1998: 03416
Hazardous Subs: 9
Inspected Date: 12/01/1998
Closed Date: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

	Site	Database(s)	EDR ID Number EPA ID Number
B33 NNE 1/2-1 3175 Higher	324 W. EL SEGUNDO BLVD. EL SEGUNDO, CA 90245	CHMIRS	S100275880 N/A
CHMIRS: OES Control Number: 9012098 DOT ID: Not reported DOT Hazard Class: Not Reported Chemical Name: FUEL OIL/STEAM (COMBINATION MIXTURE) Extent of Release: Not reported CAS Number: Not reported Quantity Released: 0 Environmental Contamination: Air Property Use: Industrial, Utility Incident Date: 28-JUL-90 Date Completed: 28-JUL-90			
B34 NNE 1/2-1 3175 Higher	324 W. EL SEGUNDO BLVD. EL SEGUNDO, CA 90245	CHMIRS	S100275822 N/A
CHMIRS: OES Control Number: 9012098 DOT ID: Not reported DOT Hazard Class: Not Reported Chemical Name: FUEL OIL/STEAM (COMBINATION MIXTURE) Extent of Release: Not reported CAS Number: Not reported Quantity Released: 0 Environmental Contamination: Air Property Use: Industrial, Utility Incident Date: 28-JUL-90 Date Completed: 28-JUL-90			
B35 NNE 1/2-1 3175 Higher	324 W. EL SEGUNDO BLVD. EL SEGUNDO, CA 90245	CHMIRS	S100275800 N/A
CHMIRS: OES Control Number: 9012098 DOT ID: Not reported DOT Hazard Class: Not Reported Chemical Name: FUEL OIL/STEAM (COMBINATION MIXTURE) Extent of Release: Not reported CAS Number: Not reported Quantity Released: 0 Environmental Contamination: Air Property Use: Industrial, Utility Incident Date: 28-JUL-90 Date Completed: 28-JUL-90			
C36 NE 1/2-1 3755 Higher	200 E. EL SEGUNDO EL SEGUNDO, CA 90245	CHMIRS	S100219275 N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

(Continued)

S100219275

CHMIRS:

OES Control Number: 9000489 DOT ID: 1005
DOT Hazard Class: Gases
Chemical Name: AMMONIA, ANHYDROUS
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: Not reported
Environmental Contamination: Air Property Use: Petroleum Refinery
Incident Date: 05-MAR-90 Date Completed: 05-MAR-90

C37
NE
1/2-1
3755
Higher

200 E. EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100274977
N/A

CHMIRS:

OES Control Number: 8906584 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: ACID, SULFURIC
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: Not reported
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 14-JUN-89 Date Completed: 14-JUN-89

C38
NE
1/2-1
3755
Higher

200 E. EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100275654
N/A

CHMIRS:

OES Control Number: 8906584 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: ACID, SULFURIC
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: Not reported
Environmental Contamination: None Reported Property Use: Petroleum Refinery
Incident Date: 14-JUN-89 Date Completed: 14-JUN-89

C39
NE
1/2-1
3755
Higher

200 EAST EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100216769
N/A

CHMIRS:

OES Control Number: 8904584 DOT ID: 1005
DOT Hazard Class: Not Reported
Chemical Name: AMMONIA
Extent of Release: Not reported
CAS Number: 7664417 Quantity Released: Not reported
Environmental Contamination: Air Property Use: Petroleum Refinery
Incident Date: 30-JAN-89 Date Completed: 30-JAN-89

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
40 SE 1/2-1 3862 Higher MANHATTAN BEACH CITY OF 3621 BELL AVE MANHATTAN BEACH, CA 90266 RCRIS: Owner: CITY OF MANHATTAN BEACH (415) 555-1212 Contact: ENVIRONMENTAL MANAGER (213) 545-5621 Record Date: 03/08/1989 Classification: Small Quantity Generator Used Oil Recyc: No Violation Status: No violations found FINDS: Other Pertinent Environmental Activity Identified at Site: AIRS Facility System (AIRS/AFS) State LUST: Cross Street: Not reported Qty Leaked: Not reported Case Number: 902660034 Reg Board: Los Angeles Region Chemical: Diesel Lead Agency: Regional Board Case Type: Soil only Status: Signed off, remedial action completed or deemed unnecessary County: Los Angeles Review Date: 11/17/99 Workplan: Not reported Pollution Char: 9/20/88 Remed Action: Not reported Close Date: 12/20/99 Confirm Leak: Not reported Prelim Assess: Not reported Remed Plan: Not reported Monitoring: Not reported Release Date: 08/08/88 LUST Region 4: Report Date: 08/08/19 Lead Agency: Regional Board Local Agency: 19000 Case Number: 902660034 Substance: Diesel Case Type: Soil Status: Signed off, remedial action completed or deemed unnecessary Region: 4 Staff: MSH HAZNET: Gepaid: CAD982517179 Contact: CITY OF MANHATTAN BEACH Gen County: Los Angeles Tons: 0 Category: Waste oil and mixed oil Disposal Method: Not reported Mailing Address: 3621 BELL AVE MANHATTAN BEACH, CA 90266 - 3459 County: Not reported Tepaid: CAD009452708 Telephone: (213) 545-5621 Tsd County: 0	RCRIS-SQG FINDS Cortese LUST HAZNET	1000240007 CAD982517179

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

MANHATTAN BEACH CITY OF (Continued)

1000240007

Gepaid:	CAD982517179	Tepaid:	CAD009452708
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	0
Tons:	0.075		
Category:	Tank bottom waste		
Disposal Method:	Recycler		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD099452708
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.0417		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD000088252
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.055		
Category:	Unspecified sludge waste		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD099452708
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.4753		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	AZD983481813
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	99
Tons:	2.5294		
Category:	Asbestos-containing waste		
Disposal Method:	Not reported		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAT080013352
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.1668		
Category:	Tank bottom waste		
Disposal Method:	Recycler		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MANHATTAN BEACH CITY OF (Continued)

1000240007

Gepaid:	CAD982517179	Tepaid:	CAD093459485
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Fresno
Tons:	0.079		
Category:	Unspecified solvent mixture Waste		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD099452708
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	3.1275		
Category:	Oil/water separation sludge		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD093459485
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Fresno
Tons:	0.1667		
Category:	Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD099452708
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.6672		
Category:	Waste oil and mixed oil		
Disposal Method:	Recycler		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD099452708
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	10.3541		
Category:	Oil/water separation sludge		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE		
	MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

MANHATTAN BEACH CITY OF (Continued)

1000240007

Gepaid:	CAD982517179	Tepaid:	CAT000613893
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.2502		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD028409019
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	2.5		
Category:	Other inorganic solid waste		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAD099452708
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	12.5265		
Category:	Oil/water separation sludge		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAT000613893
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.1251		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAT000613935
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	0.5753		
Category:	Aqueous solution with less than 10% total organic residues		
Disposal Method:	Transfer Station		
Mailing Address:	3621 BELL AVE MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		
Gepaid:	CAD982517179	Tepaid:	CAT080013352
Contact:	CITY OF MANHATTAN BEACH	Telephone:	(213) 545-5621
Gen County:	Los Angeles	Tsd County:	Los Angeles
Tons:	1.4595		
Category:	Unspecified oil-containing waste		
Disposal Method:	Recycler		
Mailing Address:	3621 BELL AVE MANHATTAN BEACH, CA 90266 - 3459		
County	Not reported		

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

MANHATTAN BEACH CITY OF (Continued)

EDR ID Number
EPA ID Number

Database(s)

1000240007

CORTESE:

Reg By: LTNKA
Reg Id: 902660034
Region: CORTESE

41
NE
1/2-1
3925
Higher

MIRRA COTE COMPANY INC
140 STANDARD STREET
EL SEGUNDO, CA 90245

Cal-Sites

S100185120
N/A

CAL-SITES:

Facility ID: 19340277
Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO OTHER AGENCY LEAD
Status Date: 08/31/1995
Lead: Not reported
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY
Lead Agency: N/A
NPL: Not reported
SIC: 34 MANU - FABRICATED METAL PRODUCTS
Facility Type: Not reported
Type Name: N/A
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: LA - LOS ANGELES
Access: Controlled
Cortese: C
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0
Lat/Long: 33° 55' 12.00" / 118° 24' 54.00"
Lat/long Method: UPLOADED FROM ASPIS
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

D42
NE
1/2-1
3973
Higher

302 EAST EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS

S100276621
N/A

CHMIRS:

OES Control Number: 9100151 DOT ID: 1079
DOT Hazard Class: Gases
Chemical Name: SULFUR DIOXIDE SO2
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: Not reported
Environmental Contamination: Air Property Use: Petroleum Refinery
Incident Date: 22-FEB-91 Date Completed: 22-FEB-91

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site	Database(s)	EDR ID Number EPA ID Number
D43 NE 1/2-1 3973 Higher CHEVRON USA EL SEGUNDO SPPLY S 302 E EL SEGUNDO BLVD EL SEGUNDO, CA 90245	RCRIS-SQG FINDS Cortese LUST HMS	1000434352 CAD000626507

RCRIS:
Owner: CHEVRON USA INC
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(213) 694-7705
Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

State LUST:
Cross Street: SEPULVEDA BLVD
Qty Leaked: Not reported
Case Number: I-10365
Reg Board: Los Angeles Region
Chemical: Hydrocarbons
Lead Agency: Regional Board
Case Type: Undefined
Status: Preliminary site assessment underway
County: Los Angeles
Review Date: 05/22/97
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: Not reported
Confirm Leak: Not reported
Prelim Assess: 12/23/91
Remed Plan: Not reported
Monitoring: Not reported
Release Date: 12/23/91

LUST Region 4:
Report Date: 12/23/19
Lead Agency: Regional Board
Local Agency: 19013
Case Number: I-10365
Substance: Hydrocarbons
Case Type: Undefined
Status: Preliminary site assessment underway
Region: 4
Staff: slc

CORTESE:
Reg By: LTNKA
Reg Id: 030992-09
Region: CORTESE

HMS:
File Number: 010444-010365
Permit Number: 00004792T
Facility Status: Closed
Region: Los Angeles County
Facility Type: T0
Permit Status: Closed
Area: 2N

D44
NE
1/2-1
4031
Higher
324 E EL SEGUNDO BLVD
EL SEGUNDO, CA 90245

CHMIRS
S100278964
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number
EPA ID Number

(Continued)

S100278964

CHMIRS:

OES Control Number: 8802779 DOT ID: 1053
DOT Hazard Class: Gases
Chemical Name: HYDROGEN SULFIDE
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: Not reported
Environmental Contamination: Air Property Use: Petroleum Refinery
Incident Date: 06-SEP-88 Date Completed: 06-SEP-88

E45
SE
1/2-1
4093
Higher

1700 ROSECRANS
MANHATTAN BEACH, CA 90266

CHMIRS

S100279134
N/A

CHMIRS:

OES Control Number: 8804039 DOT ID: 1760
DOT Hazard Class: Corrosives
Chemical Name: ACID. ACTANE 97. LIQUID. NOS
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 50
Environmental Contamination: Ground Property Use: Manufacturing
Incident Date: 07-DEC-88 Date Completed: 07-DEC-88

E46
SE
1/2-1
4141
Higher

1800 ROSECRANS AVE
MANHATTAN BEACH, CA 90266

CHMIRS

S100216437
N/A

CHMIRS:

OES Control Number: 8803455 DOT ID: Not reported
DOT Hazard Class: Not Reported
Chemical Name: OPIBOND 1210A & 1210B
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 8
Environmental Contamination: Air Property Use: Manufacturing
Incident Date: 26-OCT-88 Date Completed: 26-OCT-88

E47
SE
1/2-1
4141
Higher

FAIRCHILD CONTROLS CORPORATION
1800 ROSECRANS
MANHATTAN BEACH, CA 92660

Cal-Sites

S101338575
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

FAIRCHILD CONTROLS CORPORATION (Continued)

S101338575

CAL-SITES:

Facility ID: 19340762
Status: REFRW - DOES NOT REQUIRE DTSC ACTION. REFERRED TO REGIONAL WATER QUALITY CONTROLBOARD (RWQCB) LEAD
Status Date: 06/12/1995
Lead: DTSC
Region: 3 - BURBANK
Branch: SA - SOUTHERN CA. - A
File Name: FAIRCHILD CONTROLS CORPORATION
Status Name: PROPERTY/SITE REFERRED TO RWQCB
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not reported
SIC: 34 MANU - FABRICATED METAL PRODUCTS
Facility Type: RP
Type Name: RESPONSIBLE PARTY
Staff Member Responsible for Site: CFOX1
Supervisor Responsible for Site: GHOLMES
Region Water Control Board: LA - LOS ANGELES
Access: Not reported
Correse: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Suspected
No. of Contamination Sources: 0
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.
Please contact your EDR Account Executive for more information.

48
NNE
1/2-1
4389
Higher

121 W. GRAND AVENUE
EL SEGUNDO, CA 90245

CHMIRS

S100275711
N/A

CHMIRS:

OES Control Number: 9010446 DOT ID: 1017
DOT Hazard Class: Corrosives
Chemical Name: CHLORINE BLEACH
Extent of Release: Not reported
CAS Number: 7681-52-9 Quantity Released: 1
Environmental Contamination: Air Property Use: Mercantile, Business
Incident Date: 23-APR-90 Date Completed: 23-APR-90

49
NNW
1/2-1
5027
Lower

LAWP, SCATTERGOOD GEN. STATION
12700 VISTA DEL MAR
PLAYA DEL REY, CA 90293

Toxic Pits

S100676275
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

LAWP, SCATTERGOOD GEN. STATION (Continued)

EDR ID Number
EPA ID Number

Database(s)

S100676275

TOXIC PITS:

Region: 04 Task #: 84007
Owner: L.A. DEPT. OF WATER AND POWER
Num. of Pits: 1 1/2 Mi Limit: Yes
Hydro Geological Assessment Report Due: Not Reported
Final Hydro Geological Assessment Review Completed: 06/15/89
Cease Discharge Due: Not reported Cease Discharge Completed: 05/01/85
Closure Due: Not reported Closure Completed: 10/18/90
Status: CLOSED

50
NNE
1/2-1
5209
Higher

419 STANDARD STREET
EL SEGUNDO, CA 90245

CHMIRS

S100276311
N/A

CHMIRS:

OES Control Number: 9099170 DOT ID: 1789
DOT Hazard Class: Corrosives
Chemical Name: ACID. HYDROCHLORIC
Extent of Release: Not reported
CAS Number: Not reported Quantity Released: 0
Environmental Contamination: Ground Property Use: Not reported
Incident Date: 01-MAY-90 Date Completed: 01-MAY-90

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
CARSON	1000726205	DE-BEST MFG CO INC	16122 MAIN ST	90245	CERC-NFRAP	
EL SEGUNDO	S103878633	CHEVRON - EL SEGUNDO REFINERY	324 EL SEG	90245	CA SLIC	
EL SEGUNDO	S101296163	CITY OF EL SEGUNDO	(NO STREET NBR) FRANKLIN	90245	Cortese, LUST	902450052
EL SEGUNDO	S103662528	EPTC-EL SEGUNDO	501 VISTA DEL MAR	90245	HAZNET	CAD000630962
EL SEGUNDO	U003659323	CHEVRON SS# 9-7608	601 S. VISTA DEL MAR	90245	UST	
EL SEGUNDO	U003713901	CHEVRON PRODUCTS COMPANY	601 S. VISTA DEL MAR	90245	UST	
EL SEGUNDO	U003714065	CHEVRON SS# 9-7608	601 S. VISTA DEL MAR	90245	UST	
LOS ANGELES	S104576044	CALTRANS DISTRICT 7	IMPERIAL HWY @ ROUTE 405	90245	HAZNET	CAL000036563
MANHATTAN BEACH	1000254018	MOBIL REFINERY MANHATTAN BEACH	MANHATTAN BEACH	90266	CERC-NFRAP	
MANHATTAN BEACH	S103666419	MIKE REYNOLDS CHEVRON SERVICE	601 S VISTA DEL MAR	90266	HAZNET	CAL000034955
MANHATTAN BEACH	S103955974	CHEVRON PRODUCTS COMPANY #97608	601 S VISTA DEL MAR	90266	HAZNET	CAL00019524

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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DE-BEST MFG CO INC
16122 MAIN ST
CARSON, CA 90245

CERC-NFRAP 1000726205
CAD980888994

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Ownership Status: Unknown

Federal Facility: Not a Federal Facility

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Completed: 19850901

Assessment: PRELIMINARY ASSESSMENT

Completed: 19860501

Assessment: PRELIMINARY ASSESSMENT

Completed: 19890118

CHEVRON - EL SEGUNDO REFINERY
324 EL SEG
EL SEGUNDO, CA 90245

CA SLIC S103878633
N/A

SLIC Region 4:

Facility Status: Remediation

Substance: TPH

SLIC 235

Staff: Manjulika Chakarbarti

Region: 4

Cross Street: SEPULVEDA BOULEVARD

CITY OF EL SEGUNDO
(NO STREET NBR) FRANKLIN
EL SEGUNDO, CA 90245

Cortese S101296163
LUST N/A

CORTESE:

Reg By: LTNKA

Reg Id: 902450052

Region: CORTESE

State LUST:

Cross Street: PENN

Qty Leaked: Not reported

Case Number 902450052

Reg Board: Los Angeles Region

Chemical: Solvents

Lead Agency: Local Agency

Case Type: Soil only

Status: Pollution characterization

County: Los Angeles

Review Date: 07/12/88

Workplan: Not reported

Pollution Char: 1/23/85

Remed Action: Not reported

Close Date: Not reported

Confirm Leak: Not reported

Prelim Assess: Not reported

Remed Plan: Not reported

Monitoring: Not reported

Release Date: 01/23/85

LUST Region 4:

Report Date: 01/23/19

Lead Agency: Local Agency

Local Agency: 19013

Case Number: 902450052

Substance: Solvents

Case Type: Soil

Status: Pollution characterization

Region: 4

Staff: Not reported

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
EPTC-EL SEGUNDO 501 VISTA DEL MAR EL SEGUNDO, CA 90245	HAZNET	S103662528 N/A
The CA HAZNET database contains 126 additional records for this site. Please contact your EDR Account Executive for more information.		
CHEVRON SS# 9-7608 601 S. VISTA DEL MAR EL SEGUNDO, CA 90245	UST	U003659323 N/A
UST Seg Undo: Facility ID: Not reported State Id: Not reported Petroleum: Not reported Remove Date: Not reported Inspection Date: Not reported Flag: REMEDIATION 1998: Not reported Hazardous Subs: 1 Inspected Date: Not reported Closed Date: Not reported		
CHEVRON PRODUCTS COMPANY 601 S. VISTA DEL MAR EL SEGUNDO, CA 90245	UST	U003713901 N/A
UST Seg Undo: Facility ID: Not reported State Id: Not reported Petroleum: 0 Remove Date: Not reported Inspection Date: 11/01/1999 Flag: CLOSED 1998: Not reported Hazardous Subs: 1 Inspected Date: Not reported Closed Date: 11/01/1999		
CHEVRON SS# 9-7608 601 S. VISTA DEL MAR EL SEGUNDO, CA	UST	U003714065 N/A
CALTRANS DISTRICT 7 IMPERIAL HWY @ ROUTE 405 LOS ANGELES, CA 90245	HAZNET	S104576044 N/A
The CA HAZNET database contains 18 additional records for this site. Please contact your EDR Account Executive for more information.		
MOBIL REFINERY MANHATTAN BEACH MANHATTAN BEACH MANHATTAN BEACH, CA 90266	CERC-NFRAP	1000254018 CAD980894430
CERCLIS-NFRAP Classification Data: Site Incident Category: Not reported Ownership Status: Unknown CERCLIS-NFRAP Assessment History: Assessment: DISCOVERY Assessment: PRELIMINARY ASSESSMENT Federal Facility: Not a Federal Facility NPL Status: Not on the NPL Completed: 19850301 Completed: 19871001		

DETAILED ORPHAN LISTING

Site	Database(s)	EDR ID Number EPA ID Number
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MIKE REYNOLDS CHEVRON SERVICE
601 S VISTA DEL MAR
MANHATTAN BEACH, CA 90266

HAZNET

S103666419
N/A

The CA HAZNET database contains 33 additional records for this site.
Please contact your EDR Account Executive for more information.

CHEVRON PRODUCTS COMPANY #97608
601 S VISTA DEL MAR
MANHATTAN BEACH, CA 90266

HAZNET

S103955974
N/A

The CA HAZNET database contains 23 additional records for this site.
Please contact your EDR Account Executive for more information.

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.
D004	ARSENIC
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D018	BENZENE
D043	VINYL CHLORIDE
F001	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY

EPA Waste Codes Addendum

Code	Description
	VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F037	PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN: OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORMWATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGE GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.
F038	PETROLEUM REFINERY SECONDARY (EMULSIFIED) OIL/WATER/SOLIDS SEPARATION SLUDGE-ANY SLUDGE AND/OR FLOAT GENERATED FROM THE PHYSICAL AND/OR CHEMICAL SEPARATION OF OIL/WATER/SOLIDS IN PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH WASTES INCLUDE, BUT ARE NOT LIMITED TO, ALL SLUDGES AND FLOATS GENERATED IN: INDUCED AIR FLOTATION (IAF) UNITS, TANKS AND IMPOUNDMENTS, AND ALL SLUDGES GENERATED IN DAF UNITS, SLUDGES GENERATED IN STORMWATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED FROM NON-CONTACT ONCE-THROUGH COOLING WATERS SEGREGATED FOR TREATMENT FROM OTHER PROCESS OR OILY COOLING WATERS, SLUDGES AND FLOATS GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES AND FLOATS GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS) AND F037, K048, AND K051 WASTES ARE NOT INCLUDED IN THIS LISTING.
K048	DISSOLVED AIR FLOTATION (DAF) FLOAT FROM THE PETROLEUM REFINING INDUSTRY
K049	SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY

EPA Waste Codes Addendum

Code	Description
K050	HEAT EXCHANGER BUNDLE CLEANING SLUDGE FROM THE PETROLEUM REFINING INDUSTRY
U210	ETHENE, TETRACHLORO-
U210	TETRACHLOROETHYLENE

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 06/13/00

Date Made Active at EDR: 07/06/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/27/00

Elapsed ASTM days: 9

Date of Last EDR Contact: 08/07/00

DELISTED NPL: NPL Deletions

Source: EPA

Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 06/13/00

Date Made Active at EDR: 07/06/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/27/00

Elapsed ASTM days: 9

Date of Last EDR Contact: 08/07/00

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/16/00

Date Made Active at EDR: 08/16/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/05/00

Elapsed ASTM days: 72

Date of Last EDR Contact: 08/28/00

CERCLIS-NFRAP: No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 04/16/00

Date Made Active at EDR: 08/16/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/05/00

Elapsed ASTM days: 72

Date of Last EDR Contact: 08/28/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 04/20/00

Date Made Active at EDR: 08/01/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/12/00

Elapsed ASTM days: 50

Date of Last EDR Contact: 09/12/00

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00

Date Made Active at EDR: 07/31/00

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00

Elapsed ASTM days: 21

Date of Last EDR Contact: 09/26/00

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00

Date Made Active at EDR: 09/06/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00

Elapsed ASTM days: 26

Date of Last EDR Contact: 08/02/00

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97

Database Release Frequency: Biennially

Date of Last EDR Contact: 09/18/00

Date of Next Scheduled EDR Contact: 12/18/00

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A

Database Release Frequency: Varies

Date of Last EDR Contact: N/A

Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99

Database Release Frequency: Annually

Date of Last EDR Contact: 10/12/00

Date of Next Scheduled EDR Contact: 01/08/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA

Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/13/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation

Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 07/25/00
Date of Next Scheduled EDR Contact: 10/23/00

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/23/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/02/00
Date of Next Scheduled EDR Contact: 01/01/01

NPL LIENS: Federal Superfund Liens

Source: EPA

Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 08/21/00
Date of Next Scheduled EDR Contact: 11/20/00

PADS: PCB Activity Database System

Source: EPA

Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/01/00
Database Release Frequency: Annually

Date of Last EDR Contact: 08/15/00
Date of Next Scheduled EDR Contact: 11/13/00

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97
Database Release Frequency: Annually

Date of Last EDR Contact: 09/25/00
Date of Next Scheduled EDR Contact: 12/25/00

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

STATE OF CALIFORNIA ASTM STANDARD RECORDS

CAL-SITES (AWP): Annual Workplan

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 03/10/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Annually

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 07/31/00

CAL-SITES (ASPIS): Caisites

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Caisites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Caisites database.

Date of Government Version: 07/01/00
Date Made Active at EDR: 09/13/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/01/00
Elapsed ASTM days: 43
Date of Last EDR Contact: 09/15/00

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-464-3293

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94
Date Made Active at EDR: 04/24/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95
Elapsed ASTM days: 42
Date of Last EDR Contact: 08/28/00

CORTESE: Cortese

Source: CAL EPA/Office of Emergency Information

Telephone: 916-327-1848

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/98
Date Made Active at EDR: 09/23/98
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/26/98
Elapsed ASTM days: 28
Date of Last EDR Contact: 07/31/00

NOTIFY 65: Proposition 65

Source: State Water Resources Control Board
Telephone: 916-657-0696

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/25/00

TOXIC PITS: Toxic Pits

Source: State Water Resources Control Board
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 08/07/00

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-255-4035

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 06/13/00
Date Made Active at EDR: 07/14/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 06/19/00
Elapsed ASTM days: 25
Date of Last EDR Contact: 09/22/00

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 09/12/00

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-445-6532

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/05/00
Date Made Active at EDR: 08/25/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 46
Date of Last EDR Contact: 10/10/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-227-4408

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 10/16/00

BEP: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

FID: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 09/01/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/07/00

Date of Next Scheduled EDR Contact: 11/06/00

WDS: Waste Discharge System

Source: State Water Resources Control Board

Telephone: 916-657-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 08/21/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/30/00

Date of Next Scheduled EDR Contact: 12/25/00

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency

Telephone: 916-324-1781

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/99

Database Release Frequency: Annually

Date of Last EDR Contact: 08/15/00

Date of Next Scheduled EDR Contact: 11/13/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/01/00
Date of Next Scheduled EDR Contact: 10/30/00

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/01/00
Date of Next Scheduled EDR Contact: 10/30/00

CONTRA COSTA COUNTY:

SL: Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/08/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/05/00
Date of Next Scheduled EDR Contact: 12/04/00

KERN COUNTY:

UST: Sites & Tanks Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 06/09/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/05/00
Date of Next Scheduled EDR Contact: 12/04/00

LOS ANGELES COUNTY:

SWF/LF: List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 09/16/98
Database Release Frequency: Varies

Date of Last EDR Contact: 08/23/00
Date of Next Scheduled EDR Contact: 11/20/00

CA City of El Segundo UST

Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 02/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/21/00
Date of Next Scheduled EDR Contact: 11/20/00

CA City of Long Beach UST

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 08/28/00
Date of Next Scheduled EDR Contact: 11/27/00

CA City of Torrance UST

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 02/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/21/00
Date of Next Scheduled EDR Contact: 11/20/00

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 08/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/22/00
Date of Next Scheduled EDR Contact: 12/18/00

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/27/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/25/00
Date of Next Scheduled EDR Contact: 11/20/00

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 06/02/00
Database Release Frequency: Annually

Date of Last EDR Contact: 08/21/00
Date of Next Scheduled EDR Contact: 11/20/00

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-744-2407
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: N/A

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

UST Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 08/08/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/08/00
Date of Next Scheduled EDR Contact: 11/06/00

NAPA COUNTY:

LUST: Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 08/27/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/03/00
Date of Next Scheduled EDR Contact: 01/01/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 08/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 10/03/00
Date of Next Scheduled EDR Contact: 01/01/01

ORANGE COUNTY:

LUST: List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 06/02/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

UST: List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 06/02/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 01/19/99
Database Release Frequency: Annually

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

PLACER COUNTY:

MS: Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7335
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/18/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/25/00
Date of Next Scheduled EDR Contact: 12/25/00

RIVERSIDE COUNTY:

LUST: Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-356-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/03/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/25/00
Date of Next Scheduled EDR Contact: 10/23/00

UST: Tank List

Source: Health Services Agency
Telephone: 909-356-5055

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/25/00
Date of Next Scheduled EDR Contact: 10/23/00

SACRAMENTO COUNTY:

Toxisite List

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Date of Government Version: 08/30/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/09/00
Date of Next Scheduled EDR Contact: 11/06/00

ML: Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 04/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/09/00
Date of Next Scheduled EDR Contact: 11/06/00

SAN BERNARDINO COUNTY:

DEHS Permit System Print-Out By Location

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 07/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

SAN DIEGO COUNTY:

SWF/LF: Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 07/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 08/31/00
Date of Next Scheduled EDR Contact: 11/27/00

HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 07/09/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN FRANCISCO COUNTY:

LUST: Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 06/13/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 06/13/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

SAN MATEO COUNTY:

LUST: Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 04/05/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/11/00
Date of Next Scheduled EDR Contact: 01/29/01

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/24/99
Database Release Frequency: Annually

Date of Last EDR Contact: 10/17/00
Date of Next Scheduled EDR Contact: 01/15/01

SANTA CLARA COUNTY:

LUST: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 07/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/03/00
Date of Next Scheduled EDR Contact: 01/01/01

Hazmat Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 03/20/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 12/11/00

SOLANO COUNTY:

LUST: Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 06/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/18/00
Date of Next Scheduled EDR Contact: 12/18/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 09/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/18/00
Date of Next Scheduled EDR Contact: 12/18/00

SONOMA COUNTY:

LUST Sites

Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 05/16/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/31/00
Date of Next Scheduled EDR Contact: 10/30/00

SUTTER COUNTY:

UST: Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-741-7504

Date of Government Version: 07/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

VENTURA COUNTY:

SWF/LF: Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 06/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 08/17/00
Date of Next Scheduled EDR Contact: 11/27/00

LUST: Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/24/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/18/00
Date of Next Scheduled EDR Contact: 12/18/00

UST: Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 04/24/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/17/00
Date of Next Scheduled EDR Contact: 01/15/01

BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/09/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 09/18/99
Date of Next Scheduled EDR Contact: 12/18/00

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 07/07/00
Database Release Frequency: Annually

Date of Last EDR Contact: 07/25/00
Date of Next Scheduled EDR Contact: 10/23/00

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 08/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/31/00
Date of Next Scheduled EDR Contact: 11/27/00

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 06/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/16/00
Date of Next Scheduled EDR Contact: 01/15/00

LUST REG 3: LUSTIS Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 08/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 08/21/00
Date of Next Scheduled EDR Contact: 11/20/00

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Date of Government Version: 05/16/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/03/00
Date of Next Scheduled EDR Contact: 01/01/01

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 07/20/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 07/12/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 07/20/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/03/00
Date of Next Scheduled EDR Contact: 01/01/01

LUST REG 8: (LUSTIS) Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 05/10/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 09/12/00
Date of Next Scheduled EDR Contact: 11/13/00

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2952

Date of Government Version: 06/28/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/24/00
Date of Next Scheduled EDR Contact: 10/23/00

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/31/00
Date of Next Scheduled EDR Contact: 11/27/00

SLIC REG 2: North and South Bay Slc Report

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 04/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/20/00
Date of Next Scheduled EDR Contact: 10/16/00

SLIC REG 3: SLIC Data

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 08/21/00
Date of Next Scheduled EDR Contact: 11/20/00

SLIC REG 4: SLIC Sites

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 08/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 07/31/00
Date of Next Scheduled EDR Contact: 10/30/00

SLIC REG 5: SLIC List

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/10/00
Date of Next Scheduled EDR Contact: 01/08/01

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 12/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/12/00
Date of Next Scheduled EDR Contact: 01/08/01

SLIC REG 8: SLIC List
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/11/00
Date of Next Scheduled EDR Contact: 01/08/01

SLIC REG 9: SLIC List
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 06/01/00
Database Release Frequency: Annually

Date of Last EDR Contact: 09/05/00
Date of Next Scheduled EDR Contact: 12/04/00

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

EL SEGUNDO GENERATING STATION
301 VISTA DEL MAR BLVD
EL SEGUNDO, CA 90245

TARGET PROPERTY COORDINATES

Latitude (North):	33.908001 - 33° 54' 28.8"
Longitude (West):	118.421288 - 118° 25' 16.6"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	368597.5
UTM Y (Meters):	3752670.5

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2433118-H4 VENICE, CA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General WSW

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
LOS ANGELES, CA

FEMA Q3 Flood
Data Electronic Coverage
YES

Flood Plain Panel at Target Property:
Additional Panels in search area:

0601180000A / CBNP
0601370094D / CBPP
0601380000A / CBNP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
VENICE

NWI Electronic
Coverage
YES

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Location Relative to TP: 1 - 2 Miles ENE
Site Name: International Rectifier
Site EPA ID Number: CAD076208313
Groundwater Flow Direction: West
Inferred Depth to Water: 80 feet.
Hydraulic Connection: Aquifers underlying the site are interconnected.
Sole Source Aquifer: No information about a sole source aquifer is available
Data Quality: Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
1	1/2 - 1 Mile NNE	NW

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

GEOLOGIC AGE IDENTIFICATION

Geologic Code: Q
Era: Cenozoic
System: Quaternary
Series: Quaternary

ROCK STRATIGRAPHIC UNIT

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec. Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Component Name: DELHI

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessive. Soils have high hydraulic conductivity and low water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: MODERATE

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information						
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)
	Upper	Lower		AASHTO Group	Unified Soil	
1	0 inches	10 inches	sand	Granular materials (35 pct. or less passing No. 200). Stone Fragments. Gravel and Sand.	COURSE-GRAINED SOILS. Sands. Clean Sands. Poorly graded sand. COURSE-GRAINED SOILS. Sands. Sands with fines. Silty Sand.	Max: 20.00 Min: 6.00
2	10 inches	30 inches	sand	Granular materials (35 pct. or less passing No. 200). Stone Fragments. Gravel and Sand.	COURSE-GRAINED SOILS. Sands. Clean Sands. Poorly graded sand. COURSE-GRAINED SOILS. Sands. Sands with fines. Silty Sand.	Max: 20.00 Min: 6.00
3	30 inches	50 inches	loamy sand	Granular materials (35 pct. or less passing No. 200). Silty. or Clayey Gravel and Sand.	COURSE-GRAINED SOILS. Sands. Sands with fines. Silty Sand.	Max: 20.00 Min: 6.00
4	50 inches	70 inches	sand	Granular materials (35 pct. or less passing No. 200). Stone Fragments. Gravel and Sand.	COURSE-GRAINED SOILS. Sands. Clean Sands. Poorly graded sand. COURSE-GRAINED SOILS. Sands. Sands with fines. Silty Sand.	Max: 20.00 Min: 6.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinate soil types may appear within the general area of target property.

Soil Surface Textures: coarse sand
silt loam
sandy loam
gravelly - sand
clay
loamy sand

Surficial Soil Types: coarse sand
silt loam
sandy loam
gravelly - sand
clay
loamy sand

Shallow Soil Types: sandy clay loam
fine sandy loam
gravelly - loam
sandy clay

Deeper Soil Types: coarse sand
silty clay loam
gravelly - fine sandy loam
stratified
gravelly - sandy loam
clay loam
weathered bedrock

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

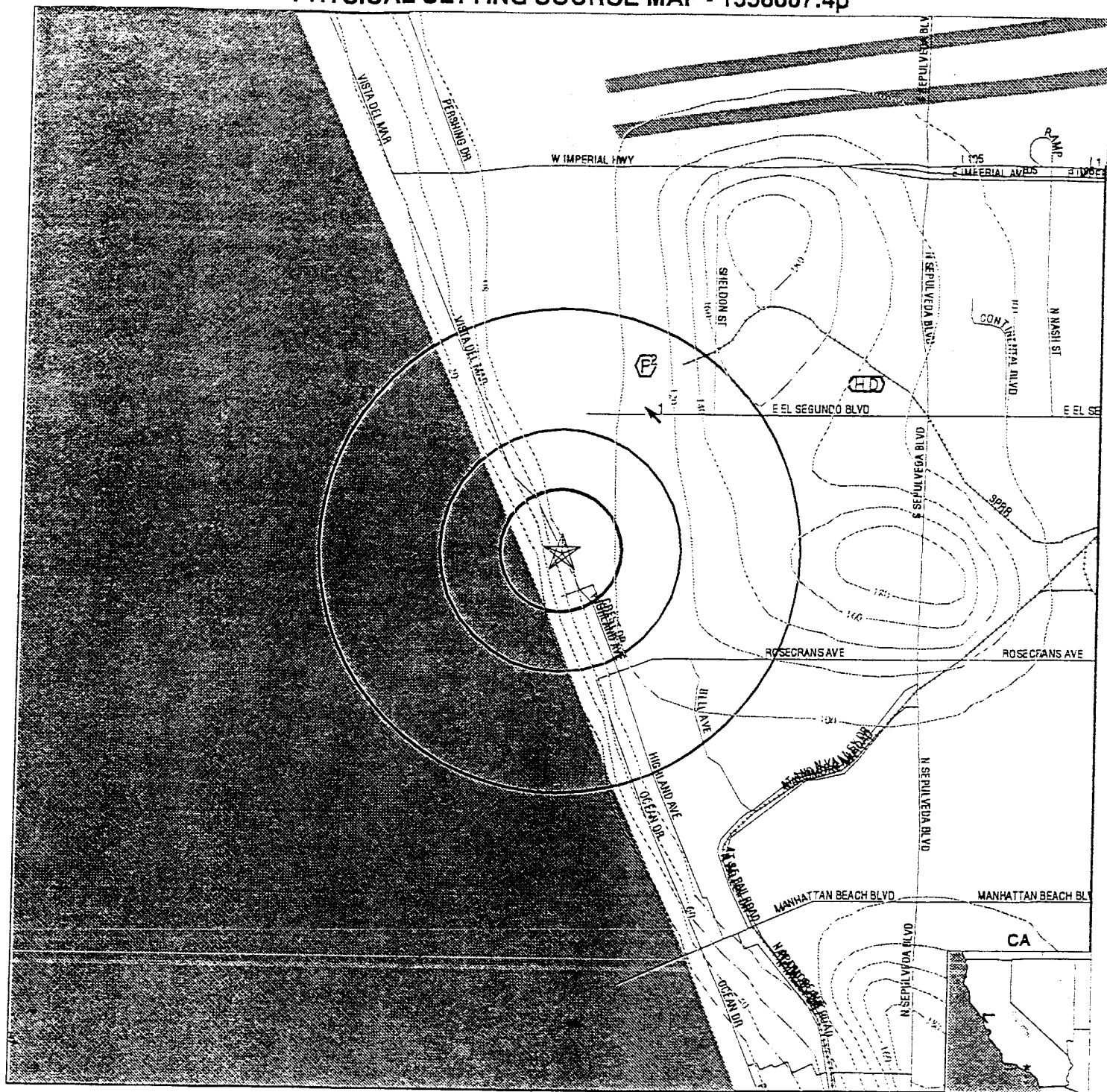
MAP ID	WELL ID	LOCATION FROM TP
2	CA1910040	1/2 - 1 Mile NNE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 1556007.4p



- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons
- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: El Segundo Generating Station
 ADDRESS: 301 Vista Del Mar Blvd
 CITY/STATE/ZIP: El Segundo CA 90245
 LAT/LONG: 33.9080 / 118.4213

CUSTOMER: URS Greiner Woodward Clyde
 CONTACT: Chris Logan
 INQUIRY #: 1556007.4p
 DATE: October 25, 2000 11:00 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1	Site ID:	I-05008		
NNE	Groundwater Flow:	NW	AQUIFLOW	70410
1/2 - 1 Mile	Shallow Water Depth:	42.03		
Higher	Deep Water Depth:	42.86		
	Average Water Depth:	Not Reported		
	Date:	04/15/1999		

2			FRDS PWS	CA1910040
NNE				
1/2 - 1 Mile				
Higher				

PWS ID:	CA1910040	PWS Status:	Not Reported
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	EL SEGUNDO-CITY, WATER DEPT. EL SEGUNDO, CA 90245		

Treatment Objective: PARTICULATE REMOVAL
Treatment Process: FILTERED
Source: Purchases surface water

Addressee / Facility: Not Reported

Facility Latitude:	Not Reported	Facility Longitude:	Not Reported
City Served:	EL SEGUNDO		
Treatment Class:	Treated	Population:	15225

PWS currently has or had major violation(s) or enforcement: No

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

LOS ANGELES COUNTY, CA

Number of sites tested: 63

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec. Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map. USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.